



Product Catalogue

3rd Edition
2026

**RELIABLE
TOOLS FOR
RELIABLE
REPAIRS**



A technology-driven company specializing
in the development and production
of automotive maintenance
and diagnostic products

AUTOOL®

RELIABLE TOOLS FOR
RELIABLE REPAIRS


Founded in
2014


3-year
Warranty


Workforce of
Over 300
Employees


More Than
80 Research &
Development
Engineers


More Than
15 Quality
Control Experts

32,000
32,000 m² of
Production Base

160+
Boasting Sales in Over
160 Countries & Regions

5,000,000+
Over 5,000,000
Worldwide Users

COMPANY PROFILE

OUR STORY:

AUTOOL was founded in 2014 and is headquartered in Shenzhen, China. It is a technology-driven company specializing in the development and production of automotive maintenance and diagnostic products. Over the years, through the successive release of a series of products and the ongoing improvement of quality and service, AUTOOL has progressively become a familiar and highly regarded presence in the automotive industry.

AUTOOL consistently selects durable and long-lasting materials for its products, upholds a commitment to excellence in the production process, and embodies the spirit of innovation and revolution. We are dedicated to creating innovative, high-quality products that meet the needs of our users. At AUTOOL, we warmly invite you to join us in shaping the legacy of our legendary brand and embarking on this journey together.

Today, AUTOOL has expanded its presence to over 160 countries worldwide. With its signature colors—warm yellow and mysterious black—AUTOOL offers endless possibilities. We always provide a user-friendly, advantageous solutions tailored to your needs.

OUR PRODUCTS:

Product development, quality control, and customer service are always our top priorities. We are committed to consistently launching premium new products that incorporate patented technologies and innovative ideas.

OUR VALUES:

We uphold our responsibility to our products, our users, and our partners.

OUR PHILOSOPHY:

Mutual support, mutual success.

OUR VISION:

To become the most trusted company in the global automotive industry and among users.

OUR SERVICES:

From the date of receipt, we provide a 3-year warranty for the main unit and all the accessories included are covered by a 1-year warranty. We are committed to promptly addressing your inquiries, providing solutions within 24 hours, and continuously enhancing our services based on your valuable feedback.



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AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



AUTOMOTIVE SMART PRESSURE TESTING SERIES

AUTOOL has newly launched the Automotive Smart Pressure Testing Series, which is designed with different models and testing connectors for cylinder pressure, engine oil pressure, fuel pressure, transmission fluid pressure, GDI fuel pressure, brake fluid pressure, and more. It features a digital pressure control system, offering simple operation and the ability to quickly and accurately measure real-time pressure, maximum pressure, minimum pressure, and pressure differential. This series is suitable for real-time testing and monitoring of pressure and temperature in vehicle engine and other circulation systems, and is widely applied in automotive repair, maintenance, and related fields.

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PT610

AUTOTOL

05

DIGITAL CYLINDER PRESSURE GAUGE

Accurate Measurement & Pressure Locking: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places. Equipped with a one-way valve, it accurately locks the maximum pressure value of the cylinder.

Wide Applicability & Complete in Specifications: Comes with various connectors to support cylinder pressure testing for most engines on the market.

Digital display & comprehensive functions: Includes a data storage feature that records 6 sets of pressure measurement data, facilitating comparison and observation to quickly identify fault points.

Multiple Units with Free Switching: Allows you to switch between pressure units Psi, Bar, and kg/cm², and temperature units Celsius [°C] and Fahrenheit [°F].

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: HD 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Accurate Measurement



Various Adapters



6 Sets of Data Storage



Multi-unit Switching



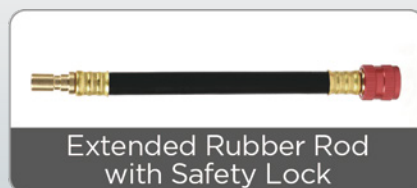
Riveted Copper Material



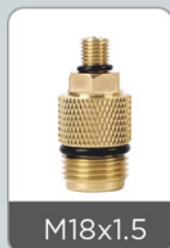
2.8" Backlit Screen



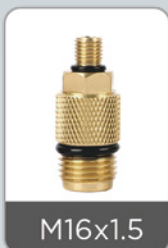
Extended Rod with Safety Lock



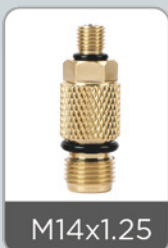
Extended Rubber Rod with Safety Lock



M18x1.5



M16x1.5



M14x1.25



M12x1.25



M10x1.0



Curved Test Rod with Conical Head



Straight Test Rod with Conical Head

Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Resolution	0.01bar, 0.01kg/cm ² , 0.01Psi
Overload Pressure	40bar
Temperature Range	-55°C~125°C
Main Unit Dimensions	29x72x175mm

PT610

DIGITAL CYLINDER PRESSURE GAUGE



PT620

06

PT620

DIGITAL ENGINE OIL PRESSURE GAUGE KIT

DIGITAL ENGINE OIL PRESSURE GAUGE KIT

Accurate Measurement and Clear Judgment: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting engine oil pressure problems.

Wide Applicability with Complete Specifications: Equipped with 17 types of connectors, supporting pressure measurement for most gasoline engine models available.

New Upgrade with Intelligent Digital Display: Features a multifunctional digital display that tests maximum pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.

Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Right-angle Quick Connector



Oil-resistant Transfer Hose



Accurate Measurement



Various Adapters



Data Locking



Multi-unit Switching



Riveted Copper Material



2.8" Backlit Screen

Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Accuracy	±0.5%FS
Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Resolution	0.01bar, 0.01kg/cm ² , 0.01Psi
Overload Pressure	40bar
Main Unit Dimensions	29x72x175mm



PT630

AUTOTOL

07

PT630

DIGITAL FUEL PRESSURE GAUGE

DIGITAL FUEL PRESSURE GAUGE

Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.

Wide Applicability & Complete in Specifications: Equipped with various connectors, supporting pressure measurement for most gasoline engine models available.

Comprehensive functionality with Digital Display: for max. pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.

Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Accurate Measurement



Various Adapters



Data Locking



Multi-unit Switching



Riveted Copper Material



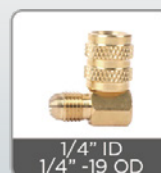
2.8" Backlit Screen



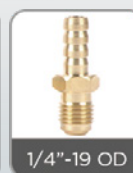
M14x1.5, 1/4"-19 OD



1/4"-19 OD



1/4" ID
1/4"-19 OD



1/4"-19 OD



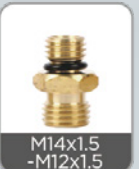
M10x1.0
(M12x1.5)



M8x1.0
(M12x1.5)



M12x1.5
(1/4"-19 OD)



M14x1.5
-M12x1.5



M12x1.5
-M8x1.0



M12x1.25
-M8x1.0



1/4"-19 OD, 5/16"



M6x1.0, 1/4"-19 OD



Oil-resistant Transfer Hose



D9.49, 1/4" ID
D7.89, 1/4" ID



D9.49, 1/4" ID
D7.89, 1/4" ID



D15.45x9.49
D14x7.89

Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Accuracy	±0.5%FS
Pressure Range	0-30bar, 0-435.11psi, 0-30.6kg/cm ²
Resolution	0.01bar, 0.01kg/cm ² , 0.01Psi
Overload Pressure	40bar
Main Unit Dimensions	29x72x175mm



PT635

AUTOTOL

08

PT635

DIGITAL FUEL PRESSURE GAUGE KIT

DIGITAL FUEL PRESSURE GAUGE KIT

Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.

Wide Applicability & Complete in Specifications: Equipped with various connectors, supporting pressure measurement for most gasoline engine models available.

New Upgrade with Digital Display: for max.pressure, minimum pressure, and AVG pressure difference, helping users intuitively understand the data.

Temperature Monitoring for Enhanced Assessment: Features internal environmental temperature monitoring and additional functions (for monitoring various environmental parameters), assisting in assessing the status of the fuel circulation system.

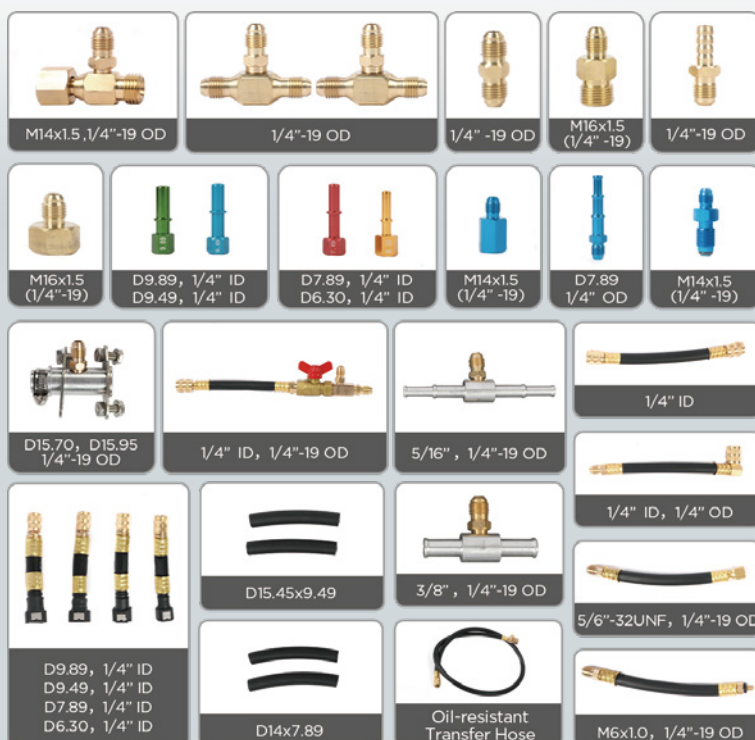
Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Resolution	0.01bar, 0.01kg/cm ² , 0.01Psi
Overload Pressure	40bar
Temperature Range	-40°C~125°C
Main Unit Dimensions	29x72x175mm



PT640

AUTOTOL

09

PT40

DIGITAL GDI FUEL PRESSURE GAUGE

DIGITAL GDI FUEL PRESSURE GAUGE

Ultra-Large Range for Comprehensive Measurement: Pressure range up to 360 bar, suitable for both standard and high-performance vehicles, including racing-level high-pressure fuel systems.

Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, helping users precisely detect potential problems in the fuel system.

Wide Applicability & Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most direct injection engine models on the market.

New Upgrade with Digital Display: for current pressure, max. pressure, minimum pressure, and pressure difference, providing intuitive data to help users make quick judgments.

Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: High-definition 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Accurate
Measurement



Wide
Range



Data
Locking



Multi-unit
Switching



2.8" Backlit
Screen



Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Accuracy	±1%FS
Pressure Range	0~360bar, 0~5221.3psi, 0~367kg/cm ²
Resolution	0.1bar, 0.1kg/cm ² , 0.1Psi
Overload Pressure	400bar
Main Unit Dimensions	29x72x175mm

DIGITAL TRANSMISSION FLUID PRESSURE GAUGE

Accurate Measurement and Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting pressure issues in braking systems.

Wide Applicability & Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most engine models on the market.

New Upgrade with Digital Display: for max. pressure, minimum pressure, and pressure difference, helping users quickly diagnose the condition of the transmission system and visually identify issues with gearbox performance.

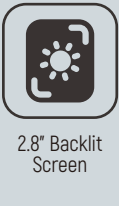
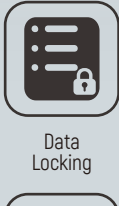
Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

Value Lock for Accurate Reading: One-click value lock effectively prevents changes and ensures data accuracy.

Clear Interface for Easy Viewing: HD 2.8-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



Operating Voltage	6V [4 AAA batteries]
Pressure Units	bar, kg/cm ² , Psi
Accuracy	±0.5%FS
Pressure Range	0~30bar, 0~435.11psi, 0~30.6kg/cm ²
Resolution	0.01bar, 0.01kg/cm ² , 0.01Psi
Overload Pressure	40bar
Main Unit Dimensions	29x72x175mm



DIGITAL BRAKE PRESSURE TESTER

Ultra-Large Range for Comprehensive Measurement: Pressure range up to 210 bar, suitable for standard and high-performance braking systems, including racing-level high-pressure braking systems.

Accurate Measurement & Clear Diagnostics: Utilizes digital sensing technology and high-precision chips to display pressure values with two decimal places, effectively detecting pressure issues in braking systems.

Wide Applicability with Complete in Specifications: Equipped with a variety of connectors, supporting pressure measurement for most engine models on the market.

New Upgrade with Digital Display: Features a multifunctional digital display for max. pressure, minimum pressure, and pressure difference, helping users quickly understand the data and assess braking system performance.

Multiple Units with Free Switching: Switches between pressure units Psi, Bar, and kg/cm² as needed, accommodating different regional requirements.

One-key data locking: Prevents accidental changes to readings, ensuring data accuracy.

Clear Interface for Easy Viewing: High-definition 3-inch LCD backlight display ensures readability even in low-light environment.

Quality Assurance with Reliable Materials: Made from corrosion-resistant brass with excellent electrical and thermal conductivity, featuring high temperature resistance, oxidation resistance, and durability.

Compact and Portable: Comes with a tool box for convenient storage and management of parts, making it easy to carry and use.



High-precision
Sensor



Wide
Range



One-button
Atmospheric
Pressure Calibration



Multi-unit
Switching



Automatic
OFF



Intelligent
Alarm



Sensor Connection Kit



Various Specification Connectors

Operating Voltage	6V (4 AAA batteries)
Pressure Units	bar, kg/cm ² , Psi
Accuracy	±1%FS
Pressure Range	0~210bar, 0~3045.77psi, 0~214.2kg/cm ²
Resolution	0.1bar, 0.1kg/cm ² , 0.1Psi
Operating Temperature	-10°C~60°C

DIGITAL EXHAUST BACK PRESSURE GAUGE

High Precision Measurement: With a measurement accuracy of $\pm 1.0\%$ FS, it is suitable for various vehicle models on the market and is simple and efficient to use.

2.8-inch Backlit Display: The screen displays real-time measurement values with clear and bright readings, accurate to two decimal places.

High-temperature-resistant Hose: With a length of 140 cm, it is made of premium, high-temperature-resistant material that ensures safety, durability, and adaptability to various measuring environments.

Riveted Copper Fittings: Sturdy and wear-resistant, with excellent anti-oxidation performance, ensuring long-term stable use.

One-click Unit Switching: No manual conversion needed—easily obtain measurement readings.

Data Hold Function: Press the "  " button to hold the current measurement value for easy recording or comparison with subsequent measurement results.



High-temperature-resistant Hose



Data-driven Diagnostics



High-temperature-resistant Hose



Rapid Fault Localization



Multiple-unit Switching



Copper-riveted Fittings



2.8" Backlit Screen

Operating Voltage	6V [4 AAA batteries]
Pressure Units	mBar, inHg, psi, Torr
Accuracy	$\pm 1\%$ FS
Pressure Range	-500mBar~2000mBar
Resolution	0.1mBar, 0.01inHg, 0.01psi, 0.1Torr
Overload Pressure	5000mBar
Operating Temperature	-10°C~60°C



PT680

AIR SUSPENSION PRESSURE TESTER

High-precision Digital Pressure Sensor: Fast response and higher measurement accuracy than mechanical gauges, allowing quick testing of shock absorber leaks and saving troubleshooting time.

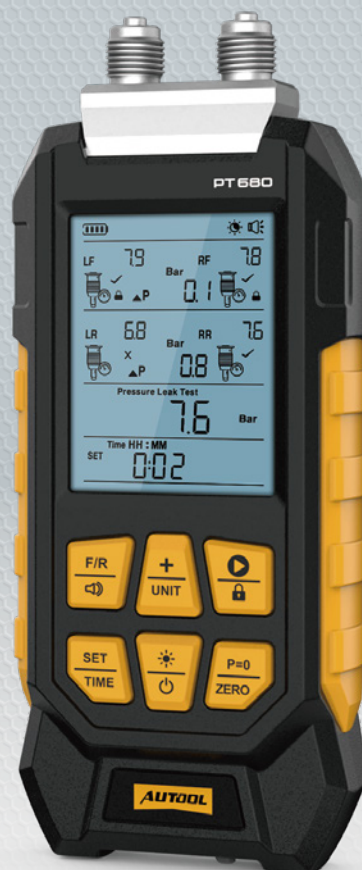
Dual-channel Synchronous Test: Supports synchronous testing of two shock absorbers, displays left and right pressure changes in real time, and automatically calculates the differential pressure for intuitive and efficient testing.

2.8-inch Display: Features a backlit display for precise and accurate readings, ensuring easy visibility in both bright and dim environments.

Multiple Unit Selections: Automatic pressure unit conversion allows quick reading of target unit data without manual calculations, enhancing testing efficiency and convenience.

One-Click Calibration & Zeroing: Efficient and hassle-free—simply hold the menu button to calibrate and zero.

Quick-Connect Structural Fittings: Sealed, pressure-resistant, and leak-proof—more durable and convenient than traditional threaded or snap connections.



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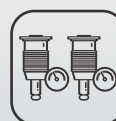
13

PT680

AIR SUSPENSION PRESSURE TESTER



High-precision
Digital Pressure
Sensor



Dual-channel
Synchronous
Testing



One-click
Calibration &
Zeroing



Multiple-unit
Switching



2.8" Backlit
Screen

Operating Voltage	6V (4 AAA batteries)
Pressure Units	bar, kg/cm ² , Psi, kPa
Accuracy	±1%FS
Pressure Range	5-2000kPa
Resolution	0.1bar, 0.1kg/cm ² , 0.1Psi, 0.1kPa
Operating Temperature	-10°C-60°C



FUEL INJECTOR CLEANER & TESTER

The AUTOOL Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse flushing or leak detection, the AUTOOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.

AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS

FN602	15
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FN603	16
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FN606	17
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FN608	18
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FN602

FUEL INJECTOR CLEANER & TESTER (4-CYLINDER)

Specialist in Fuel Injector Cleaning and Testing with 13 Functions: Includes heated ultrasonic cleaning, idle speed test, medium speed test, high speed test, acceleration test, variable speed test, leakage test, idle injection volume test, medium-speed injection volume test, high-speed injection volume test, pulse injection test, reverse flushing, and no-disassembly cleaning.

Cleaning/Testing Combo: 100ml transparent glass cylinder for cleaning and testing up to 4 fuel injectors simultaneously.

Operating Condition Simulation: Simulates various engine operating conditions to clearly assess fuel injector atomization, spray volume, and sealing condition.

Compatible with Various Injectors: Supports 12V, 70V, and 120V voltage settings. It works with GDI, EFI, FSI injectors, and is also compatible with standard injectors.

Smart Control Panel: Intuitive interface for adjusting operation time, pulse width, and working pressure.

800ml tank supports cleaning of fuel injectors for most motorcycles and cars on the market.

Complete Accessories: Includes different sizes of adapter fittings.

The AUTOTOL FN602 Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse flushing or leak detection, the AUTOTOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.



13 Functions
Available



Sprayability
Test



Spray Value
Test



Heating The
Cleaning Fluid

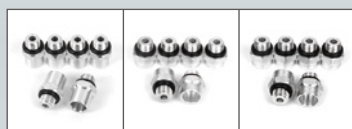


Reverse
flushing



On-Vehicle
Cleaning

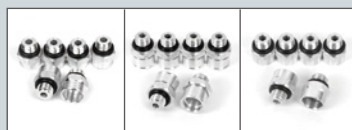
Various Connectors



Ø 11mm

Ø 12mm

Ø 12.5mm



Ø 13mm

Ø 13.6mm

Ø 14mm



Ø 15mm

Ø 15.8mm

For BMW



No corrosive
liquids



Prevent
any leakage



No open
flames

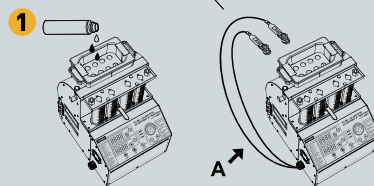


Wear eye
protection

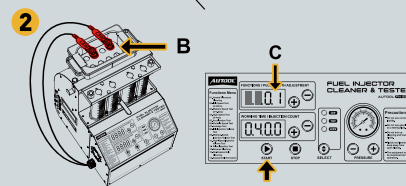
Quick Guide

ULTRASONIC CLEANING

- Pour the dedicated injector cleaning solution and connect the pulse signal line (A) to the injector.

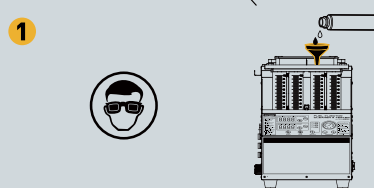


- Place the injector in the cleaning tank (B), select the ultrasonic cleaning function (C), and start the cleaning.

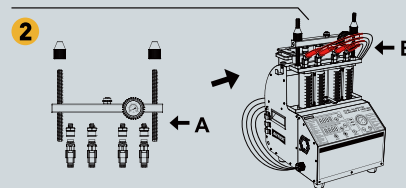


FUEL INJECTOR TESTING

- Wear goggles first and then add in the dedicated test fluid.



- Install the injectors onto the oil distributor (A), secure the distributor onto the main unit (B), and then start testing.



Power Supply	AC110V or AC220V	Supported Injector Types	GDI/EFI/FSI/Ordinary
Cleaning Tank Capacity	800ml	System Pressure	0~0.55Mpa
Glass Tube Capacity	100ml	Time Setting	0~10min
Analog Speed Range	0~7500RPM	Ultrasonic Cleaning Frequency	28kHz
Times of Injections	0~9900 times	PWM Pulse Width	0~20ms

AUTOTOL

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FN602

FUEL INJECTOR CLEANER & TESTER

FUEL INJECTOR CLEANER & TESTER (6-CYLINDER)

Specialist in Fuel Injector Cleaning and Testing with 13 Functions: Includes heated ultrasonic cleaning, idle speed test, medium speed test, high speed test, acceleration test, variable speed test, leakage test, idle injection volume test, medium-speed injection volume test, high-speed injection volume test, pulse injection test, reverse flushing, and no-disassembly cleaning.

Cleaning/Testing Combo: 110ml transparent glass cylinder, capable of cleaning and testing up to 6 injectors simultaneously.

The cleaning tank has a heating function, with a constant temperature of up to 50 degrees Celsius.

Compatible with Various Injectors: Supports 12V, 70V, and 120V voltage settings. It works with GDI, EFI, FSI injectors, and is also compatible with standard injectors.

Condition Simulation Testing: Simulates various engine operating conditions to clearly observe the injector's atomization, fuel injection volume, and sealing condition.

Smart Control Panel: Provides intuitive operation for adjusting working time, pulse width, and working pressure.

Large Capacity 1500ml Cleaning Tank: Suitable for cleaning injectors from most types of motorcycles and cars available on the market.

Portable Drawer Design: Includes a portable drawer at the bottom for easy storage and management of various adapters.

Comprehensive Configuration: Comes with 9 different sizes of adapter connectors.



13 Functions Available



Voltages Selection



Wide Compatibility



Smart Oil Pressure Control System

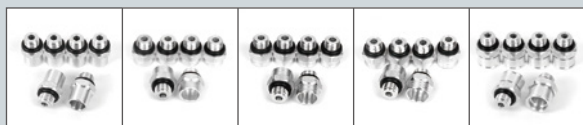


Heating The Cleaning Fluid



Practical Drawer Design

Various Connectors



Ø 11mm

Ø 12mm

Ø 12.5mm

Ø 13mm

Ø 13.6mm



Ø 14mm

Ø 15mm

Ø 15.8mm

For BMW



No corrosive liquids



Prevent any leakage



No open flames



Wear eye protection

The AUTOOL FN603 Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse flushing or leak detection, the AUTOOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.

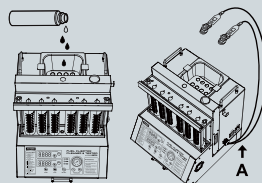


Quick Guide

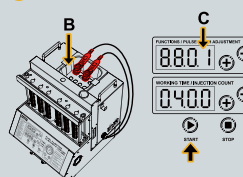
ULTRASONIC CLEANING

- Pour the dedicated injector cleaning solution and connect the pulse signal line (A) to the injector.
- Place the injector in the cleaning tank (B), select the ultrasonic cleaning function (C), and start the cleaning.

1



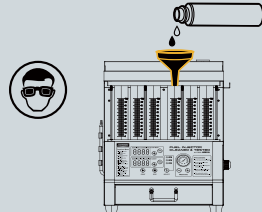
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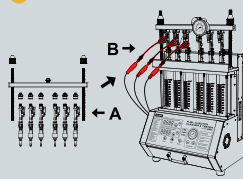
FUEL INJECTOR TESTING

- Wear goggles first and then add in the dedicated test fluid.
- Install the injectors onto the oil distributor (A), secure the distributor onto the main unit (B), and then start testing.

1



2



Power Supply	AC110V or AC220V	Supported Injector Types	GDI/EFI/FSI/Ordinary
Cleaning Tank Capacity	1500ml	System Pressure	0-0.55Mpa
Glass Tube Capacity	110ml	Time Setting	0-10min
Analog Speed Range	0-7500RPM	Ultrasonic Cleaning Frequency	28kHz
Times of Injections	0-9900 times	PWM Pulse Width	0-20ms



FN606

FUEL INJECTOR CLEANER & TESTER (6-CYLINDER)

Specialist in Fuel Injector Cleaning and Testing with 15 Functions: Includes three new testing functions (Pulse Injection Test, Wide Pulse Injection Test, Continuous Injection Test).

Cleaning/Testing Combo: 110ml transparent glass cylinder, capable of cleaning and testing up to 6 injectors simultaneously.

The cleaning tank has a heating function, with a constant temperature of up to 50 degrees Celsius. Suitable for cleaning injectors from most types of motorcycles and cars available on the market.

Compatible with Various Injectors: Supports 12V, 12-70V, and 120V-180V voltage settings. It works with GDI, EFI, FSI injectors, and is also compatible with standard injectors.

Condition Simulation Testing: Simulates various engine operating conditions to clearly observe the injector's atomization, fuel injection volume, and sealing condition.

Smart Control Panel with High-Definition Color Display: Provides intuitive operation for adjusting working time, pulse width, and working pressure.

Portable Drawer Design: Includes a portable drawer at the bottom for easy storage and management of various adapters.

Comprehensive Configuration: Comes with 9 different sizes of adapter connectors and special connectors for BMW and Mercedes-Benz.

The cleaning tank can be used either in conjunction with the device or separately.

The AUTOTOL FN606 Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse flushing or leak detection, the AUTOTOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.



15 Functions
Available



Voltages
Selection



Wide
Compatibility



Heating The
Cleaning Fluid

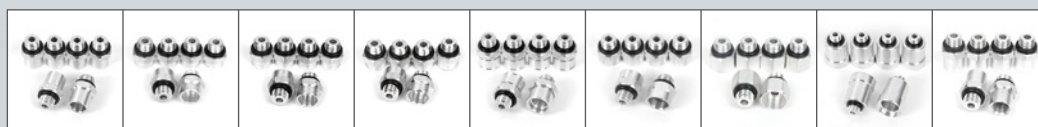


Practical
Drawer Design



Color Display
Screen

Various Connectors



Ø 11mm

Ø 12mm

Ø 12.5mm

Ø 13mm

Ø 13.6mm

Ø 14mm

Ø 15mm

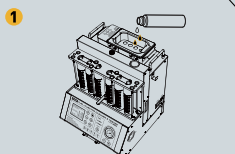
Ø 15.8mm

For BMW

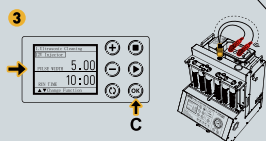
Quick Guide

ULTRASONIC CLEANING

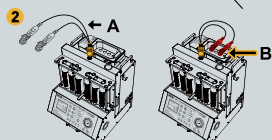
- Pour the dedicated injector cleaning solution.



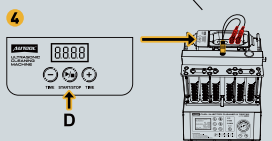
- Select the ultrasonic cleaning function 01 and press the confirm button (C) to input the pulse signal to the injector.



- Connect the injector with the pulse signal cable (A) and place it in the cleaning tank (B).

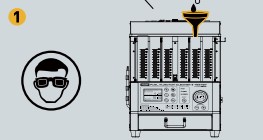


- Press the start button (D) on the ultrasonic cleaner panel to begin the process.

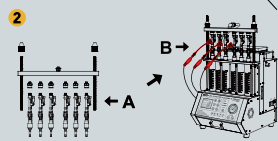


FUEL INJECTOR TESTING

- Wear goggles first and then add in the dedicated test fluid.



- Install the injectors onto the oil distributor (A), secure the distributor onto the main unit (B), and then start testing.



No corrosive
liquids



Prevent
any leakage



No open
flames



Wear eye
protection

Power Supply	AC110V or AC220V	Supported Injector Types	GDI/EFI/FSI/Ordinary
Cleaning Tank Capacity	800ml	System Pressure	0~0.8Mpa
Glass Tube Capacity	110ml	Time Setting	0~10min
Analog Speed Range	0~7500RPM	Ultrasonic Cleaning Frequency	28kHz
Times of Injections	0~9900 times	PWM Pulse Width	0~40ms

AUTOTOL

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FN606

FUEL INJECTOR CLEANER & TESTER



FUEL INJECTOR CLEANER & TESTER (8-CYLINDER)

The AUTOOL FN608 Fuel Injector Cleaner & Tester utilizes the latest ultrasonic cleaning and testing technology, supporting various types of fuel injectors such as GDI, EFI, and FSI. Whether it's forward or reverse flushing or leak detection, the AUTOOL Fuel Injector Cleaner & Tester enhances your work efficiency and testing accuracy.



Specialist in Fuel Injector Cleaning and Testing with 15 Functions: Includes three new testing functions (Pulse Injection Test, Wide Pulse Injection Test, Continuous Injection Test).

Cleaning/Testing Combo: 110ml transparent glass cylinder, capable of cleaning and testing up to 8 injectors simultaneously.

The cleaning tank has a heating function, with a constant temperature of up to 50 degrees Celsius. Suitable for cleaning injectors from most types of motorcycles and cars available on the market.

Compatible with Various Injectors: Supports 12V, 12-70V, and 120V-180V voltage settings. It works with GDI, EFI, FSI injectors, and is also compatible with standard injectors.

Condition Simulation Testing: Simulates various engine operating conditions to clearly observe the injector's atomization, fuel injection volume, and sealing condition.

Smart Control Panel with High-Definition Color Display: Provides intuitive operation for adjusting working time, pulse width, and working pressure.

Portable Drawer Design: Includes a portable drawer at the bottom for easy storage and management of various adapters.

Comprehensive Configuration: Comes with 9 different sizes of adapter connectors and special connectors for BMW and Mercedes-Benz.

The cleaning tank can be used either in conjunction with the device or separately.

Two independent fuel pumps operate separately during the test. If one pump fails, the other pump can still ensure proper testing of the fuel injectors.



15 Functions Available



Voltages Selection



Wide Compatibility



Heating The Cleaning Fluid

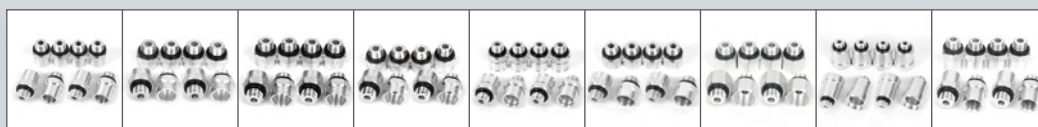


Practical Drawer Design



Color Display Screen

Various Connectors



Ø 11mm

Ø 12mm

Ø 12.5mm

Ø 13mm

Ø 13.6mm

Ø 14mm

Ø 15mm

Ø 15.8mm

For BMW



No corrosive liquids



Prevent any leakage



No open flames



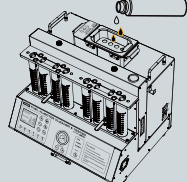
Wear eye protection

Quick Guide

ULTRASONIC CLEANING

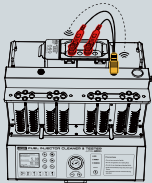
- Pour the dedicated injector cleaning solution.

1



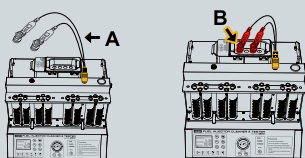
- Select the ultrasonic cleaning function 01 and press the confirm button (C) to input the pulse signal to the injector.

3



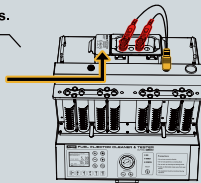
- Connect the injector with the pulse signal cable (A) and place it in the cleaning tank (B).

2



- Press the start button (D) on the ultrasonic cleaner panel to begin the process.

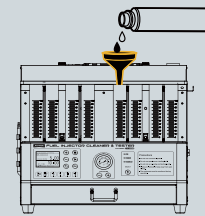
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FUEL INJECTOR TESTING

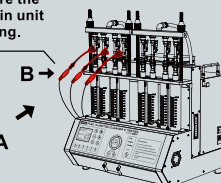
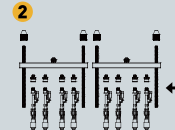
- Wear goggles first and then add in the dedicated test fluid.

1



- Install the injectors onto the oil distributor (A), secure the distributor onto the main unit (B), and then start testing.

2



Power Supply	AC110V or AC220V	Supported Injector Types	GDI/EFI/FSI/Ordinary
Cleaning Tank Capacity	800ml	System Pressure	0~0.8Mpa
Glass Tube Capacity	110ml	Time Setting	0~10min
Analog Speed Range	0~7500RPM	Ultrasonic Cleaning Frequency	28kHz
Times of Injections	0~9900 times	PWM Pulse Width	0~40ms



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



SMOKE LEAK DETECTOR

The AUTOOL Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a continuous output of stronger and more consistent smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.

SML310	20
SML330	21
SML400	22
SML500	23

SMOKE LEAK DETECTOR

The AUTOOL SML310 Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a continuous output of stronger and more consistent smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.

Two Testing Modes: Air Mode / Smoke Mode.

Rapid Pipeline Leak Detection: Supports testing the leakage of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.

Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.

Power Source: Operates on DC12V power with two built-in air pumps to suit different working conditions.

Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate $\leq 6\text{L/min}$. Can produce a large amount of smoke within 30 seconds to locate leaks.

Oil Drain Valve: Allows for recovery of residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.

Visual Pressure Gauge: Observes the pressure state of the pipeline system through the gauge, helping to identify potential leaks.

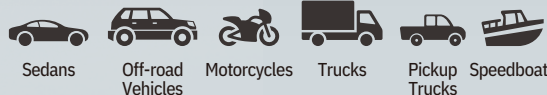
Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.



SML310

SMOKE LEAK DETECTOR

APPLICATIONS



Intake
System Test



Exhaust
System Test



Car
Sealing Test



Various Pipe
Fittings Test



Fuel Tank
System Test



Crankcase
System Test



Power
Cable

EVAP Special
Connector

Test Oil
Refill Bottle

Valve Core
Wrench

Universal
Airbag Adapter

Rubber
Connector Parts

Standard Cone
Adapter

Standard Cone
Adapter

Smoke
Hose

Hard Rubber Hose Plug

Used for sealing the hose.



Ø 5/10mm

Ø 9/15mm

Ø 14/19mm

Ø 18/26mm

Ø 25/35mm

Ø 32/45mm

Ø 45/60mm

Ø 60/75mm

Power Supply	DC 12V/5A	Output Pressure	<15psi
Rated Power	65W	Gross Weight/Net Weight	3.6kg/3.2kg
Air Source	Built-in air pump	Main Unit Size	250x160x165mm
Output Flow Rate	<6L/min	Packaging Size	295x295x210mm



SML330

SMOKE LEAK DETECTOR

The AUTOOL SML330 Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a continuous output of stronger and more consistent smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.

Two Testing Modes: Air Mode / Smoke Mode.

Rapid Pipeline Leak Detection: Supports testing the leakage of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, and engines.

Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.

Power Source: Operates on DC12V power with two built-in air pumps to suit different working conditions.

Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate $\leq 6\text{L/min}$. Can produce a large amount of smoke within 30 seconds to locate leaks.

Smoke Flow Meter Window: Allows adjustment of smoke flow rate through a rotary knob.

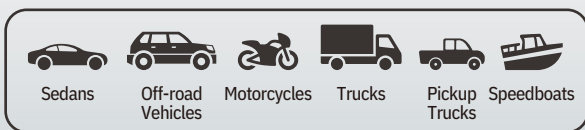
Oil Drain Valve: Recovers residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.

Visual Pressure Gauge: Monitors the pressure state of the pipeline system through the gauge to detect potential leaks.

Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.



APPLICATIONS



Intake
System Test



Exhaust
System Test



Car
Sealing Test



Various Pipe
Fittings Test



Fuel Tank
System Test



Crankcase
System Test



Power
Cable

EVAP Special
Connector

Test Oil
Refill Bottle

Valve Core
Wrench

Universal
Airbag Adapter

Rubber
Connector Parts

Standard Cone
Adapter

Standard Cone
Adapter

Smoke
Hose

Hard Rubber Hose Plug

Used for sealing the hose.



Ø 5/10mm

Ø 9/15mm

Ø 14/19mm

Ø 18/26mm

Ø 25/35mm

Ø 32/45mm

Ø 45/60mm

Ø 60/75mm

Power Supply	DC 12V/5A	Output Pressure	<15psi
Rated Power	65W	Gross Weight/Net Weight	3.7kg/3.2kg
Air Source	Built-in air pump	Main Unit Size	250x160x165mm
Output Flow Rate	<6L/min	Packaging Size	295x295x205mm

AUTOOL

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SML330

SMOKE LEAK DETECTOR

SMOKE LEAK DETECTOR

The AUTOOL SML400 Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a continuous output of stronger and more consistent smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.

Three testing modes: Pressure Holding Mode, Air Mode, and Smoke Mode, catering to different pipeline system requirements.

Pressure holding leak detection displays the judgment result (Leak/No Leak) and supports testing the leakage of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, crankcase systems, and engines.

HD digital display, with clear visibility of the pressure-holding countdown, ensuring high reliability of the test results.

Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.

Operates on DC12V power with two built-in air pumps to suit various working conditions.

Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate $\leq 10\text{L/min}$. Can produce a large amount of smoke within 30 seconds to locate leaks.

Oil Level Gauge Window: Allows real-time monitoring of the current oil level, making it easy for operators to refill as needed.

Smoke Flow Meter Window: Allows adjustment of the smoke flow rate through a rotary knob.

Oil Drain Valve: Recovers residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.

Visual Pressure Gauge: Monitors the pressure state of the pipeline system through the gauge to detect potential leaks.

Wide Application Range: Suitable for all types of vehicles, including passenger cars, motorcycles, off-road vehicles, snowmobiles, and speedboats.

APPLICATIONS



Sedans



Off-road Vehicles



Motorcycles



Trucks



Pickup Trucks



Speedboats



EVAP System Test



Various Pipe Fittings Test



Turbo System Test



Crankcase System Test



Intake System Test



Exhaust System Test



Hard Rubber Hose Plug

Used for sealing the hose.



Ø 5/10mm

Ø 9/15mm

Ø 14/19mm

Ø 18/26mm

Ø 25/35mm

Ø 32/45mm

Ø 45/60mm

Ø 60/75mm

Soft Rubber Hose Plug

Used for sealing the hose.



Ø 9mm

Ø 12mm

Ø 16mm

Ø 17mm

Ø 20mm

Ø 25mm

Ø 31.5mm

Ø 50mm

Power Supply	DC 12V/5A	Output Flow Rate	<10L/min
Rated Power	70W	Output Pressure	<45psi
Air Source	Built-in air pump	Net Weight	5.5kg
Pressure Hold Time	Countdown of 3 minutes	Main Unit Size	170x280x195mm



SML500

SMOKE LEAK DETECTOR

Two Testing Modes: Pressure Holding Mode/Smoke Leak Detection Mode, catering to different pipeline system needs.

Pressure holding leak detection displays the judgment result (Test Passed/Threshold Exceeded) and supports testing the leakage of various pipeline systems, including automotive intake systems, EVAP systems, exhaust systems, crankcase systems, and engines.

HD LCD display with touchscreen control, providing accurate numerical readings and reliable testing results.

Supports pressure holding tests up to 500 kPa, with the ability to set the pressure target value within the 0-500 kPa range.

Operates on a 110V/220V power supply with an external air source, suitable for various working environments.

Overheat Protection: Prevents dry burning with an alarm indicator light. Automatically stops operation if the temperature exceeds 75°C.

Large Smoke Output Volume: Generates smoke within 5 seconds; working pressure can exceed 1 bar, with a smoke flow rate $\leq 6\text{L/min}$. Can produce a large amount of smoke within 30 seconds to locate leaks.

Smoke Flow Meter Window: Allows adjustment of the smoke flow rate through a rotary knob.

Oil Drain Valve: Recovers residual smoke oil after use, promoting environmental friendliness and enabling reuse of test oil.

The AUTOOL SML500 Automotive Smoke Leak Detector is primarily used to inspect the tightness of various parts of a car, providing visual identification of any leakage issues. It features a newly designed intelligent pressure control and temperature protection system, ensuring a continuous output of stronger and more consistent smoke. This saves users time and improves efficiency, serving as a helpful tool and reliable assistant for quickly and accurately determining whether faults are caused by pipe leaks in vehicle pipeline systems.



APPLICATIONS



Sedans



Off-road Vehicles



Motorcycles



Trucks



Pickup Trucks



Speedboats



EVAP System Test



Various Pipe Fittings Test



Turbo System Test



Crankcase System Test



Intake System Test



Exhaust System Test



Power Cable

EVAP Special Connector

Test Oil Refill Bottle

Valve Core Wrench

Universal Airbag Adapter

Rubber Connector Parts

Standard Cone Adapter

Standard Cone Adapter

Smoke Hose

BMW Gas Cap Adapter

Hard Rubber Hose Plug

Used for sealing the hose.



Ø 5/10mm

Ø 9/15mm

Ø 14/19mm

Ø 18/26mm

Ø 25/35mm

Ø 32/45mm

Ø 45/60mm

Ø 60/75mm

Soft Rubber Hose Plug

Used for sealing the hose.



Ø 9mm

Ø 12mm

Ø 16mm

Ø 17mm

Ø 20mm

Ø 25mm

Ø 31.5mm

Ø 50mm

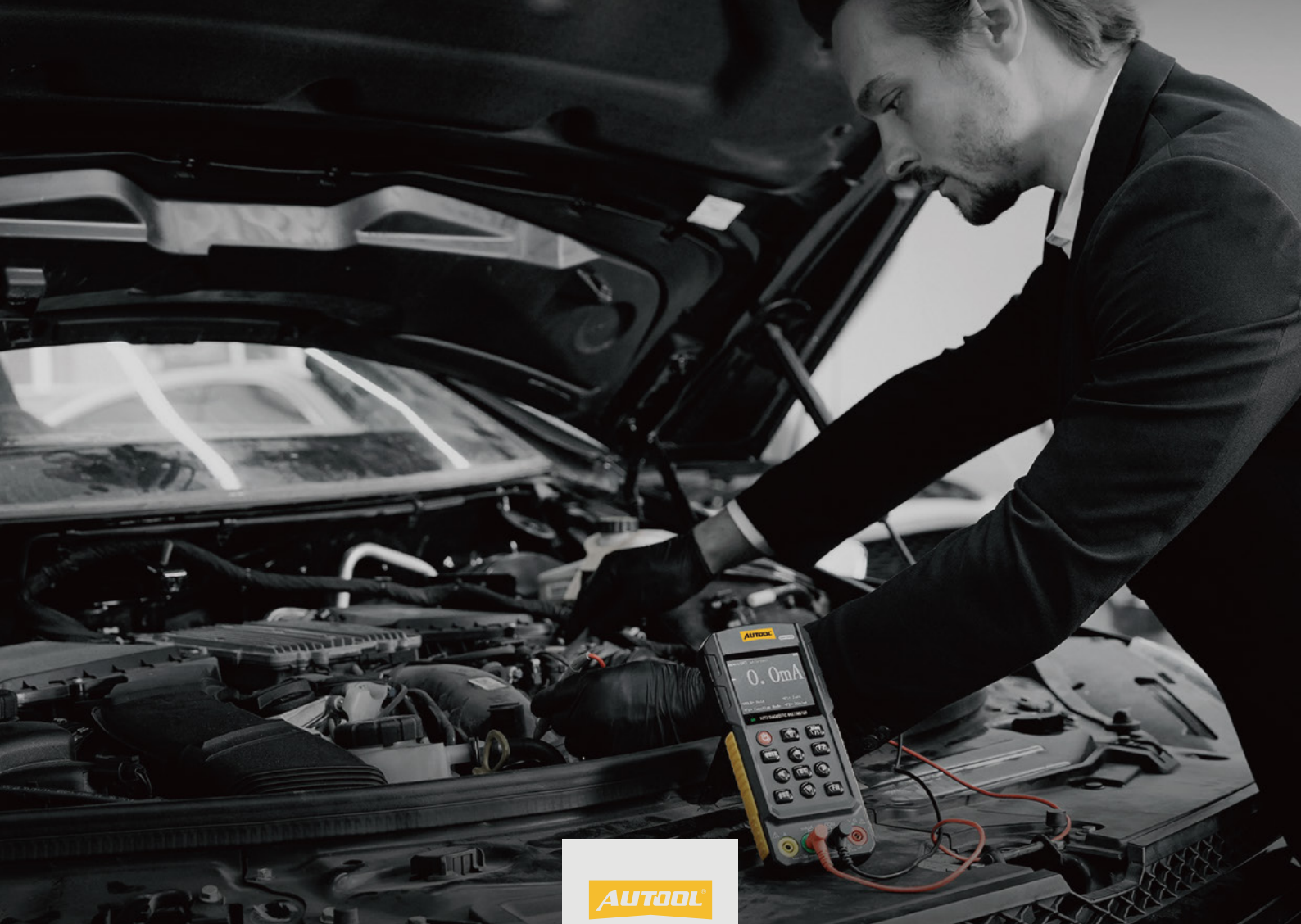
Power Supply	AC 110V/220V	Pressure Sensor Range	0-500kPa
Rated Power	100W	Pressure Sensor Accuracy	0.5%FS
Air Source	External air source	Detection Time	0-655 seconds
External Air Source Pressure Range	0-10bar	Operation Interface	4.3-inch LCD HD touch screen

AUTOOL

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SML500

SMOKE LEAK DETECTOR



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



AUTO DIAGNOSTIC MULTIMETER

The AUTOOL Automotive Diagnostic Multimeter is expertly designed for the automotive repair industry, serving as a versatile instrument tailored to measure and test various automotive circuit systems. Equipped with advanced oscilloscope functionality, it adeptly detects automotive circuits, ignition pulses, relays, and fuel injectors, amongst other critical components. Additionally, it facilitates seamless testing of K-line and CAN data for the car's OBD system, making it compatible with a wide variety of vehicle models, including trucks, cars, buses, electric vehicles, and more.

DM301/ DM303

25-26



AUTO DIAGNOSTIC MULTIMETER



6 Testing Functions: Voltage measurement, current measurement, resistance measurement, oscilloscope mode, ignition pulse signal testing, and frequency measurement.

Intelligent Overload Protection: Smart overhear protection with overload safeguards; in case of a short circuit, power is immediately cut off to prevent equipment damage.

Multiple Power Supply Options: Supports lithium batteries (optional), dry batteries, and Type-C for power supply.

Built-in LED Work Light: Operates effectively in dark environments, meeting various work scenario needs.

HD 2.8-Inch Color Display: Provides clear and easy-to-read data.

Button Control Panel: Simple, intuitive, and easy-to-use controls.

Compact and Portable: Small size for easy carrying, comes with a tool case for convenient storage and management of various connection cables.

13 Testing Functions: Voltage measurement, current measurement, resistance measurement, oscilloscope mode, automotive circuit testing, automotive cranking testing, fuel injector testing, relay testing, simulated signal testing, ignition pulse signal testing, K/LIN line data reading, CAN line data reading, and frequency measurement.

Intelligent Overload Protection: Smart overhear protection with overload safeguards; in case of a short circuit, power is immediately cut off to prevent equipment damage.

Multiple Power Supply Options: Supports lithium batteries (optional), dry batteries, Type-C, and battery clip connections for power supply.

Built-in LED Work Light: Operates effectively in dark environments, suitable for various work scenarios.

High-Definition 2.8-Inch Color Display: Provides clear and easily readable data.

Button Control Panel: Simple, intuitive, and easy-to-use controls.

Compact and Portable: Small size for easy carrying, comes with a tool case for convenient storage and management of various connection cables.



Voltage
Measurement



Current
Measurement



Resistance
Measurement



Oscilloscope



Ignition Pulse
Signal Test

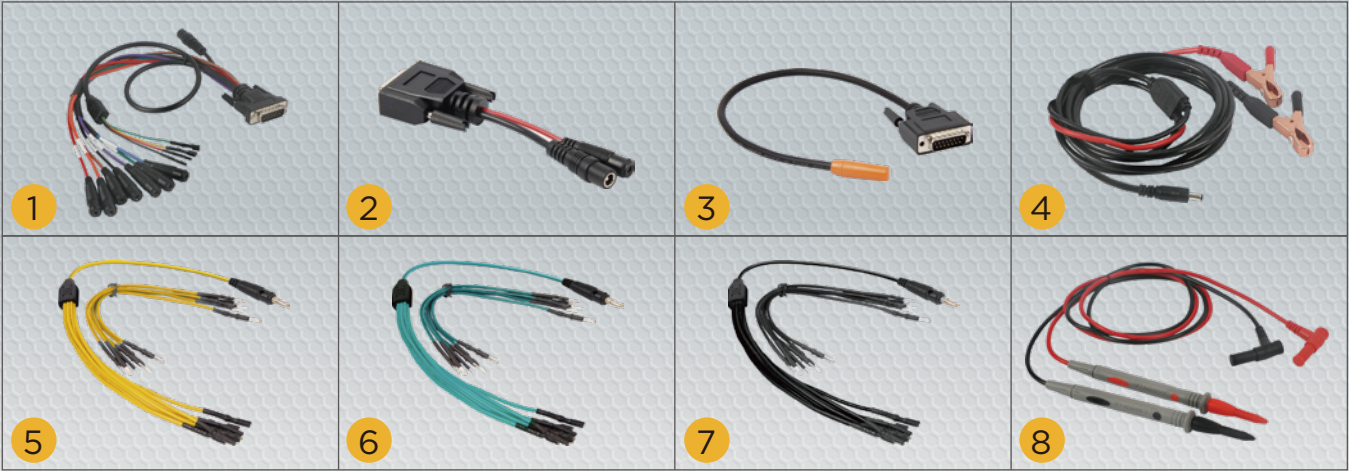


Frequency
Measurement

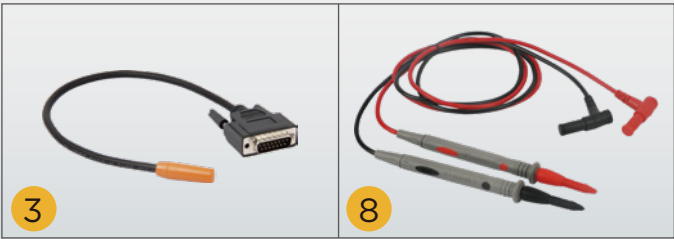
Model	DM301	DM303
Available Testing Modes	6	13
Voltage Measurement Range	DC 0~1000V, AC 0~700V	DC 0~1000V, AC 0~700V
Current Measurement Range	0~20A, 0~200mA	0~20A, 0~200mA
Resistance Measurement Range	0~1MΩ	0~1MΩ
Frequency Measurement Range	1Hz~1MHz	1Hz~1MHz
Automotive Circuit Drive Current	/	0~5A
Fuel Injector Drive Signal	/	500~6000RPM



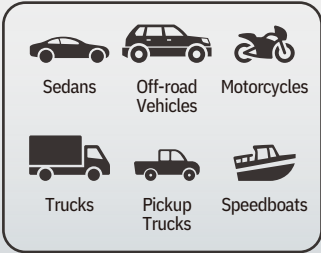
DM303 Accessories



DM301 Accessories



APPLICATIONS



NO.	Name	Distribution Head No.	Functions	NO.	Name	Functions
1	Multi-functional detection line	C01-1	DC connector, connected to the battery clip line	3	Ignition signal detection line	Inductive high-voltage line signal
		C01-2	Injector / relay test	4	Battery clip line	Connect the battery
		C01-K	K line signal line	5	Jumper (Yellow)	Connect multiple circuit connectors
		C01-CAN+	CAN+ signal line	6	Jumper (Green)	Connect multiple circuit connectors
		C01-CAN-	CAN- signal line	7	Jumper (Black)	Connect multiple circuit connectors
		C01-GND	Ground wire	8	Probe	Circuit measurement
		C01-SIN	Sine wave signal line			
		C01-S1	5V signal line			
2	Automotive circuit detection line	C01-S2	Square signal line			
		C02-1	DC connector, connected to the battery clip line			
		C02-2	Probe terminal			



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



SMART ARTICULATING BORESCOPE

The AUTOOL Smart Articulating Borescope series breaks through the technical limitations of traditional industrial borescopes by introducing the functionality to control the bending of the lens arbitrarily, supporting 360° articulating in four directions. The handheld integrated body allows single-handed operation control, while the high-definition camera effortlessly captures faults and flaws in narrow and hidden spaces. The inspection results are directly presented on a high-definition display screen or mobile devices such as smartphones.

V80	28
V81	29
V82	30

V83	31
V85	32
V86	33

TWO-WAY ARTICULATING BORESCOPE

Two-way articulating lens for comprehensive, full-angle inspection.

Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

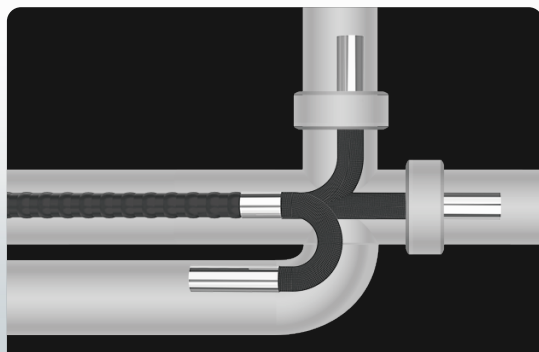
Utilizes a 1080P HD blue light camera with one-click quick-focus photo and video capture.

Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

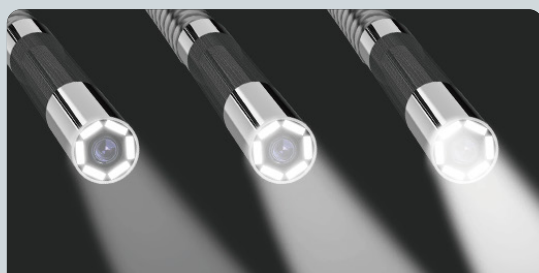
8x zoom allows the image to be zoomed in and out.

Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.



Two-way 210° Steering Lens



3 Levels of Adjustable Brightness

The AUTOTOL V80 Two-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports two-way 210 ° bending. The integrated handheld design allows for one-handed operation and control. The HD, two-million-pixel camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



210° Two-way
Articulation



One-Button
Photo & Video
Capture



8x Optical
Zoom



4.3-inch
Display



HD Camera



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	6.25mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	1920 x 1080P	Pixels	2 megapixels
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	90°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Two directions, 210°	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Shape-retaining gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C



V81

TWO-WAY ARTICULATING BORESCOPE

Utilizes a 720P HD blue light camera with one-click quick-focus photo and video capture.

Two-way articulating lens for comprehensive, full-angle inspection.

Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

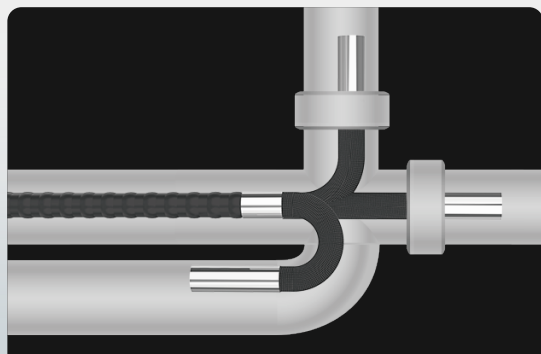
Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

8x zoom allows the image to be zoomed in and out.

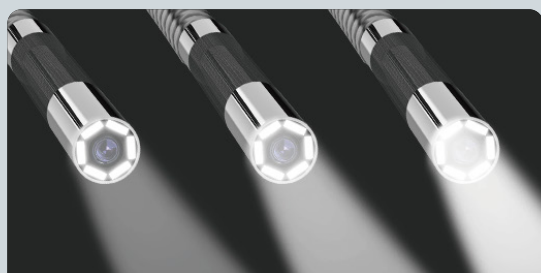
Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.

The AUTOOL V81 Two-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports two-way 210° bending. The integrated handheld design allows for one-handed operation and control. The HD camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



Two-way 210° Steering Lens



3 Levels of Adjustable Brightness



210° Two-way
Articulation



One-Button
Photo & Video
Capture



Over-Temperature
Protection



4.3-inch
Display



LED Light
Control



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	5mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	1280 x 720P	Pixels	1 megapixel
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	120°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Two directions, 210°	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Shape-retaining gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C

AUTOOL

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V81

TWO-WAY ARTICULATING BORESCOPE



V82

30

V82

FOUR-WAY ARTICULATING BORESCOPE

FOUR-WAY ARTICULATING BORESCOPE

Four-way articulating lens for comprehensive, full-angle inspection.

Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

Utilizes a 1080P HD blue light camera with one-click quick-focus photo and video capture.

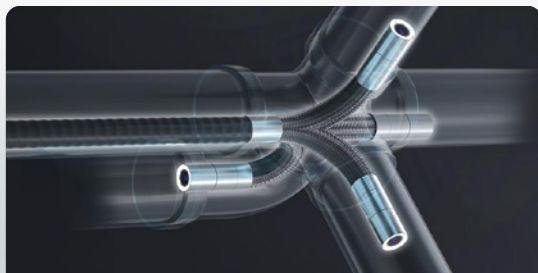
Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

8x zoom allows the image to be zoomed in and out.

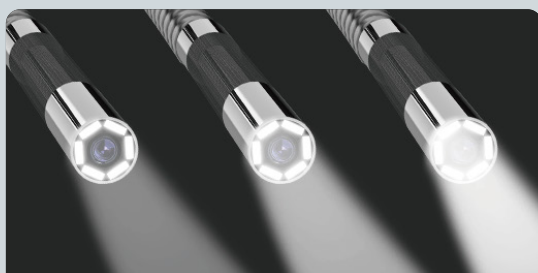
Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.

The AUTOTOL V82 Four-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports 360 ° free articulation and four-way 180 ° bending. The integrated handheld design allows for one-handed operation and control. The HD, two-million-pixel camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



360° Lens Rotation



3 Levels of Adjustable Brightness



4-way
Articulation



One-Button
Photo & Video
Capture



8x Optical
Zoom



HD Camera



4.3-inch
Display



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	6.25mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	1920 x 1080P	Pixels	2 megapixels
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	90°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Four directions	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Elastic gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C

**V83**

FOUR-WAY ARTICULATING BORESCOPE

Utilizes a 1080P HD blue light camera with one-click quick-focus photo and video capture.

Four-way articulating lens for comprehensive, full-angle inspection.

Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

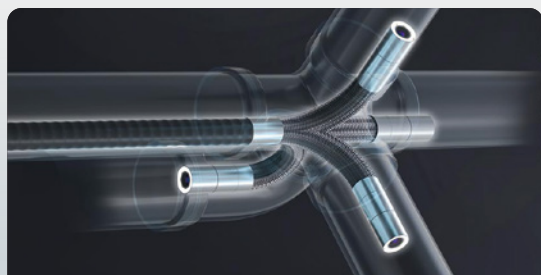
Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

8x zoom allows the image to be zoomed in and out.

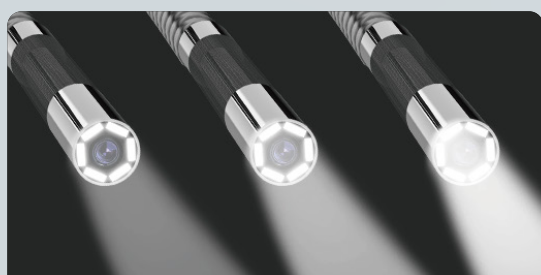
Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.

The AUTOOL V83 Four-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports 360 ° free articulation and four-way 180 ° bending. The integrated handheld design allows for one-handed operation and control. The HD, one-million-pixel camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



360° Lens Rotation



3 Levels of Adjustable Brightness



4-way
Articulation



One-Button
Photo & Video
Capture



Over-Temperature
Protection



HD Camera



4.3-inch
Display



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	5mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	1280 x 720P	Pixels	1 megapixel
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	120°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Four directions	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Elastic gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C

AUTOOL

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V83**FOUR-WAY ARTICULATING BORESCOPE**

FOUR-WAY ARTICULATING BORESCOPE

Four-way articulating lens for comprehensive, full-angle inspection.

Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

Utilizes a 1080P HD blue light camera with one-click quick-focus photo and video capture.

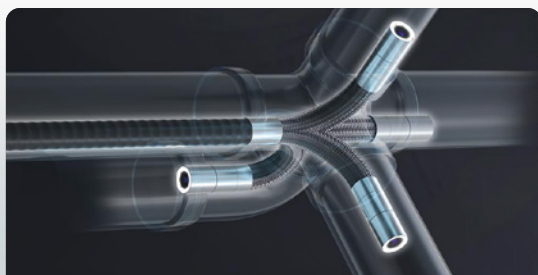
Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

8x zoom allows the image to be zoomed in and out.

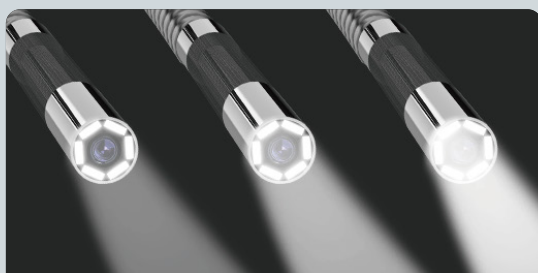
Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.

The AUTOOL V85 Four-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports 360 ° free articulation and four-way 180 ° bending. The integrated handheld design allows for one-handed operation and control. The HD, two-million-pixel camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



360° Lens Rotation



3 Levels of Adjustable Brightness



4-way
Articulation



One-Button
Photo & Video
Capture



8x Optical
Zoom



HD Camera



4.3-inch
Display



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	3.95mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	1920 x 1080P	Pixels	2 megapixels
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	90°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Four directions	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Stainless steel gooseneck / Tungsten wire gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C



V86

TWO-WAY ARTICULATING BORESCOPE

Utilizes a 720P HD blue light camera with one-click quick-focus photo and video capture.

Two-way articulating lens for comprehensive, full-angle inspection.

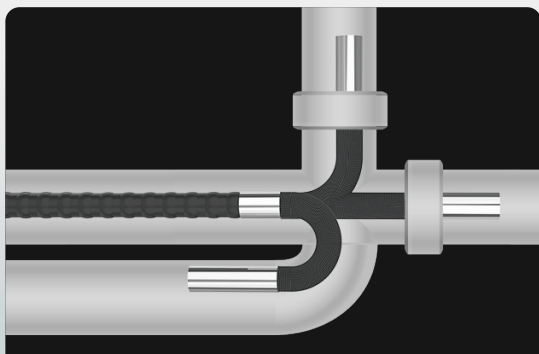
Equipped with a high-temperature protection probe; automatically powers off when the temperature exceeds 85°C.

Equipped with six high-intensity LED illumination lights with three adjustable brightness levels.

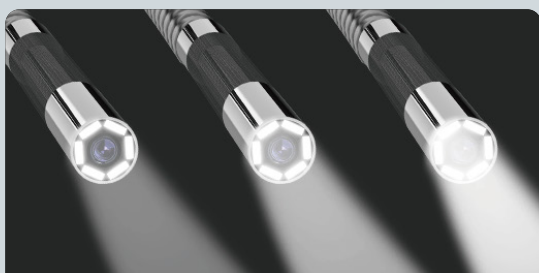
8x zoom allows the image to be zoomed in and out.

Base features a strong magnetic mounting design for easy operation and convenient storage.

Languages: French, Spanish, German, Czech, Portuguese, Simplified Chinese, Traditional Chinese, Japanese, English, Korean, Russian, Dutch, Turkish, Polish.



Two-way 210° Steering Lens



3 Levels of Adjustable Brightness

The AUTOOL V86 Two-Way Articulating Borescope breaks through the technical limitations of traditional industrial borescopes. The lens supports two-way 210° bending. The integrated handheld design allows for one-handed operation and control. The HD camera easily captures faults and defects hidden in narrow and confined spaces, with inspection results displayed directly on the high-resolution screen for clear and intuitive viewing.



210° Two-way
Articulation



One-Button
Photo & Video
Capture



Over-Temperature
Protection



4.3-inch
Display



LED Light
Control



IP67
Waterproof

Display Screen	4.3-inch	Lens Diameter	2.8mm
Languages	14	Image Sensor	1/9" COMS
Camera Resolution	720 x 720P	Pixels	0.52 megapixel
Lens High-Temperature Protection	Exceeds 85°C	Viewing Angle	90°
Removable TF Card Slot	supports up to 32GB	Depth of Field	15-100 mm
Articulating Radius	Approximately 32 mm	Adjustable LED Lights	6
Articulating Life	Approximately 20,000 times	Lens Waterproof Rating	IP67
Articulating Angle	Two directions, 210°	Battery Capacity	3.7V/3500mAh
Flexible Tube Type	Shape-retaining gooseneck	Charging Voltage	DC 5V/1A
Flexible Tube Length	1m	Operating Temperature	-10°C-50°C

AUTOOL

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V86

TWO-WAY ARTICULATING BORESCOPE



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



3D WHEEL ALIGNER

The AUTOOL 3D Wheel Aligner utilizes advanced 3D imaging technology and vehicle-centric measurement methods to provide real-time, highly precise wheel alignment data. This system offers superior accuracy and stability, streamlined by professional alignment techniques that ensure fast and easy operation. Unconstrained by lift platforms or spatial limitations, it is designed to fit various service environments, including tire shops, auto service centers, and dealerships. With a robust and constantly updated database, this system caters to a wide range of automotive alignment needs, offering enhanced flexibility and broader coverage in the automotive service industry.

XC505

35

XC508

36



XC505

AUTOOL

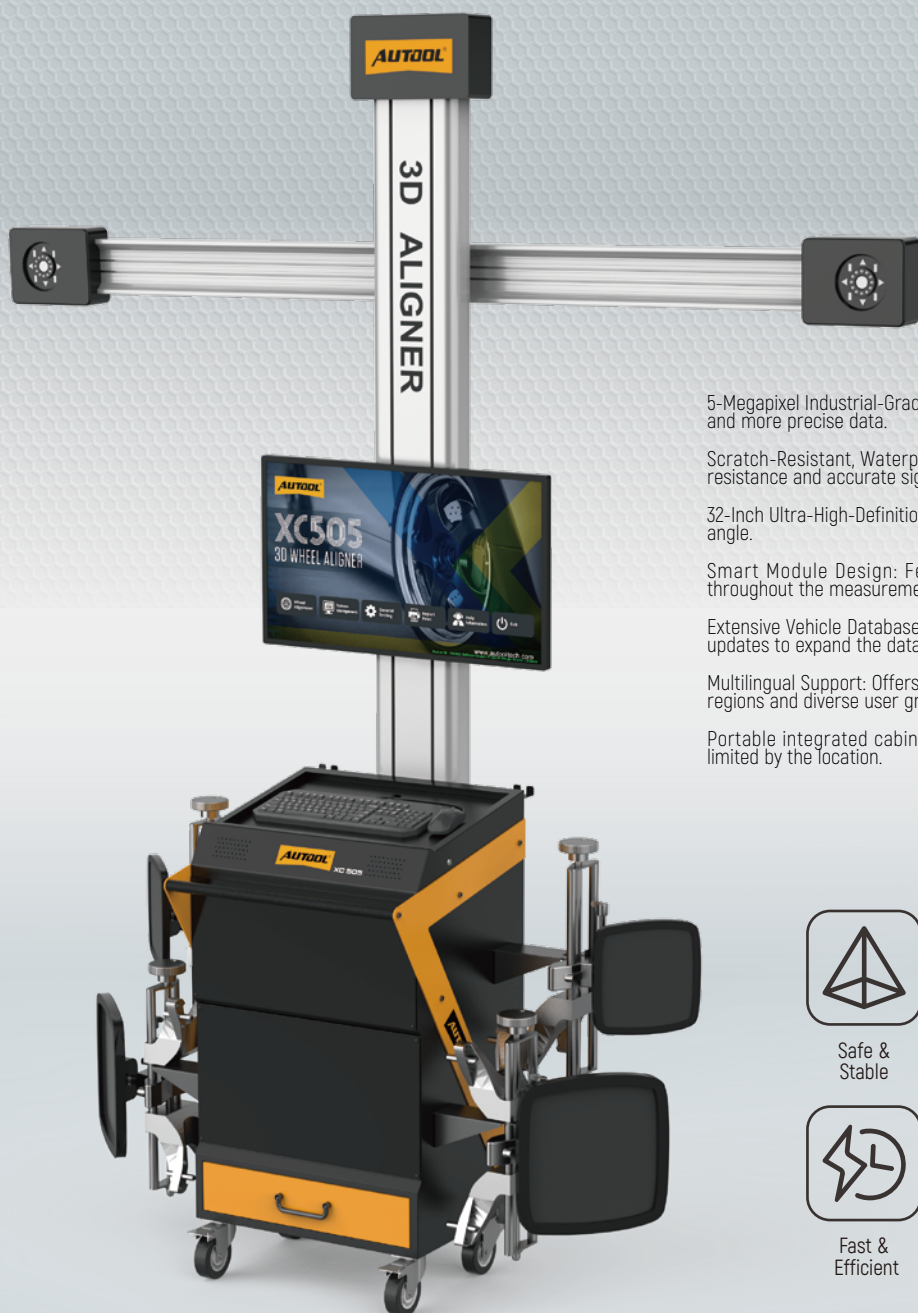
3D WHEEL ALIGNER

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XC505

3D WHEEL ALIGNER

The AUTOOL XC505 3D Wheel Aligner utilizes cutting-edge 3D imaging technology and vehicle-centric measurement methods for real-time, high-precision detection of wheel alignment data, offering improved accuracy and stability. It features professional wheel alignment measurement technology with quick and easy operation. Compatible with four-post or large scissor lifts, meeting various usage scenarios. It also has robust database support with ongoing updates. Suitable for tire shops, auto repair shops, and car dealerships, it offers strong versatility and broad coverage.



5-Megapixel Industrial-Grade Camera: Provides clear images for faster measurement and more precise data.

Scratch-Resistant, Waterproof, and Shockproof Target: Offers strong interference resistance and accurate signal feedback; durable and robust.

32-Inch Ultra-High-Definition Display: Displays high-definition images clearly from any angle.

Smart Module Design: Features voice-guided instructions and LED prompts throughout the measurement process.

Extensive Vehicle Database: Covers 99% of vehicles on the market, with regular free updates to expand the database.

Multilingual Support: Offers various language settings to meet the needs of different regions and diverse user groups.

Portable integrated cabinet with swivel casters, making it easy to move and not limited by the location.



Safe & Stable



Car Model Database



Precise Positioning



Fast & Efficient



Voice Guidance



All-in-one Cabinet

Measurement Technology	Precision	Precision Range	Maximum Test Range
Toe Angle	$\pm 0.01^\circ$	$\pm 2^\circ$	$\pm 20^\circ$
Camber Angle	$\pm 0.01^\circ$	$\pm 2^\circ$	$\pm 20^\circ$
Kingpin Inclination	$\pm 0.02^\circ$	$\pm 15^\circ$	$\pm 20^\circ$
Negative Caster	$\pm 0.02^\circ$	$\pm 10^\circ$	$\pm 20^\circ$
Thrust Angle	$\pm 0.02^\circ$	$\pm 2^\circ$	$\pm 10^\circ$

Power Supply	AC 110V/220V	Lift Lane Height Difference	Left-right Difference $< 5\text{mm}$
Display	32" Color LCD Displays	Wheel Rim Size Measurable	13"-23"
Resolution	1920x1080px	Relative Humidity	$\leq 85\%$
Lighting Requirement	No direct exposure to strong infrared light	Cabinet	Included



XC508

3D WHEEL ALIGNER

The AUTOTOL XC508 3D Wheel Aligner utilizes cutting-edge 3D imaging technology and vehicle-centric measurement methods to provide real-time, highly precise wheel alignment data. This system offers superior accuracy and stability, streamlined by professional alignment techniques that ensure fast and easy operation. Unconstrained by lift platforms or spatial limitations, it is designed to fit various service environments, including tire shops, auto service centers, and dealerships. With a robust and constantly updated database, this system caters to a wide range of automotive alignment needs, offering enhanced flexibility and broader coverage in the automotive service industry.

Smart tracking & lifting system: The camera automatically tracks the target and adjusts the lift height accordingly. It is compatible with various types of lifts and provides precise positioning.

Features a high-definition camera with 5 million industrial pixels for clear images, speeding up measurements and improving data accuracy.

Durable alignment target: Scratch-resistant, waterproof, and drop-resistant with strong anti-interference. Provides accurate feedback and is built to last.

The HD color displays offer a wide field of view and can simultaneously show measurement data on both screens, facilitating synchronized operation and data correction when adjusting the vehicle frame.

Intelligent module design: Includes full voice guidance and LED prompts for easy and accurate measurement.

Extensive vehicle model database: Covers 99% of vehicles on the market, with regular free updates to expand the database.

Multi-language support: Offers multiple language settings to accommodate users from different regions and backgrounds.

Portable integrated cabinet with swivel casters, making it easy to move and not limited by the location.

Built-in printer: Allows for immediate printing of test results after completion.



Automatically Tracking System



Printer Setup



Dual-screen Display



Movable Workstation



Voice Guidance



Precision Alignment



Multi-angle Movable Display Screen



Smart Tracking & Lifting System

Measurement Technology	Precision	Precision Range	Maximum Test Range
Toe Angle	±0.01°	±2°	±20°
Camber Angle	±0.01°	±2°	±20°
Kingpin Inclination	±0.02°	±15°	±20°
Negative Caster	±0.02°	±10°	±20°
Thrust Angle	±0.02°	±2°	±10°

Power Supply	AC 110V/220V	Lift Lane Height Difference	Front and Rear Difference <5mm
Display	32" & 19" Color LCD Displays	Wheel Rim Size Measurable	13"-23"
Resolution	1920x1080px	Relative Humidity	≤85%
Lighting Requirement	No direct exposure to strong infrared light	Cabinet	Included

XC508

3D WHEEL ALIGNER



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



SMART DIGITAL MANIFOLD GAUGE

The AUTOOL automotive smart digital manifold gauge features a unique integrated appearance, multi-function operation panel, and innovative and advanced detection technology, providing users with a brand-new experience. This series of products offers comprehensive features including pressure testing, digital readouts, multi-unit switching, diverse operational modes, and a comprehensive refrigerant parameter database. It serves as an indispensable auxiliary tool for the installation, diagnostics, and maintenance of automotive air conditioning systems and other refrigeration equipment, embodying excellence in automotive servicing instrumentation.

LM160	38
LM180	39
LM180 PRO	40



SMART DIGITAL MANIFOLD GAUGE



The AUTOOL LM160 automotive smart digital manifold gauge features a unique integrated appearance, multi-function operation panel, and innovative and advanced detection technology, providing users with a brand-new experience. This series of products offers comprehensive features including pressure testing, digital readouts, multi-unit switching, diverse operational modes, and a comprehensive refrigerant parameter database. It serves as an indispensable auxiliary tool for the installation, diagnostics, and maintenance of automotive air conditioning systems and other refrigeration equipment, embodying excellence in automotive servicing instrumentation.

Versatile Use: Three modes for easy switching—refrigeration testing, leak detection, and vacuuming.

High Precision Sensor: Includes temperature compensation with a measurement range from 0 bar to 60 bar, real-time temperature display.

Built-in data for 95 types of refrigerants, suitable for 99% of automotive refrigerant systems on the market.

Smart Control System: Digital display for results, simplifying complex processes for intuitive and easy use.

Durable and Reliable: Made with engineering silicone and aluminum alloy valve body, resistant to corrosion and wear.

Backlight Screen: High-definition 2.8-inch LCD backlit display, allowing operation in dark environments and meeting various needs.

Time-Saving Design: Features include a folding hook, side handles, high/low pressure valves, and a refrigerant observation window.

Multiple Units: Easily switch between two temperature units (Celsius °C / Fahrenheit °F), three vacuum units (hPa, mbar, Torr), and five pressure units (bar, kgf/cm², psi, kPa, MPa).



Three-Color Hoses Set



Low/High-Pressure Hose Valve Connector



Temperature Clamps



Vacuum Mode



Refrigerant Mode



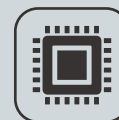
Pressure Leak Test



Various Units Available



Built-in 95 Refrigerant Types



Program Control System

Operating Voltage	6V (4 AA batteries)	Vacuum Range	-14.7~0psi, -1~0bar
Pressure Units	psi, kPa, MPa, bar, kg/cm ²	Pressure Resolution	0.1psi, 0.01bar, 0.005Mpa
Temperature Units	°C, °F	Temperature Resolution	0.1°C, 0.1°F
Vacuum Units	Micron, hPa, mbar, mTorr, Torr	Vacuum Resolution	1Micron, 1Torr, 1mbar
Pressure Range	0~870psi	Overload Capacity	942.5psi, 65bar, 6.5Mpa
Temperature Range	-55°C~125°C(-67°F~257°F)	Pressure Accuracy	±0.5% of full range



LM180

DIGITAL MANIFOLD GAUGE



The AUTOOL LM180 automotive smart digital manifold gauge features a unique integrated appearance, multi-function operation panel, and innovative and advanced detection technology, providing users with a brand-new experience. This series of products offers comprehensive features including pressure testing, digital readouts, multi-unit switching, diverse operational modes, and a comprehensive refrigerant parameter database. It serves as an indispensable auxiliary tool for the installation, diagnostics, and maintenance of automotive air conditioning systems and other refrigeration equipment, embodying excellence in automotive servicing instrumentation.

Versatile Use: Five modes for easy switching—refrigeration testing, leak detection, vacuuming, compressor testing mode, and temperature difference mode.

High Precision Sensor: Includes temperature compensation with a measurement range from 0 bar to 60 bar, real-time temperature display.

Built-in data for 92 types of refrigerants, suitable for 99% of automotive refrigerant systems on the market.

Bluetooth Wireless Connection: Real-time data monitoring on your smartphone.

Smart Control System: Digital display for results, simplifying complex processes for intuitive and easy use.

Durable and reliable, made with engineering-grade silicone and alloy valve bodies, resistant to corrosion and wear.

Clear Interface: High-definition 4-inch LCD backlit display, allowing operation in dark environments and meeting various needs.

Time-saving and labor-efficient, with detailed design including a folding hook, side handles, high/low pressure valves, and dual refrigerant observation windows.

Multiple Units: Easily switch between three vacuum units (hPa, mbar, Torr) and five pressure units (bar, kg/cm², psi, kPa, MPa).



Three-Color Hoses Set

Low/High-Pressure
Hose Valve Connector

Temperature Clamps



Vacuum
Mode



Refrigerant
Mode



Pressure
Leak Test



4-inch
Display



Built-in 92
Refrigerant Types



Bluetooth
Wireless Connection



Foldable hook

Refrigerant visible window

Two-side handrails

Operating Voltage	7.5V (5 AA batteries) / DC 12V	Vacuum Range	-14.7psi-0psi, -1-0bar
Pressure Units	psi, kPa, MPa, bar, kg/cm ²	Pressure Resolution	0.1psi, 0.01bar, 0.005Mpa
Vacuum Units	hPa, mbar, Torr	Vacuum Resolution	1Micron, 1Torr, 1mbar
Pressure Range	0-870psi	Overload Capacity	942.5psi, 65bar, 6.5Mpa

AUTOOL

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LM180

DIGITAL MANIFOLD GAUGE



DIGITAL MANIFOLD GAUGE

The AUTOOL LM180 PRO Digital Manifold Gauge features a unique integrated design, an intelligent display interface, and a multifunctional control panel. Through meticulous craftsmanship and advanced technology, it delivers a new experience in automotive air conditioning refrigerant measurement. This series of products offers comprehensive features including pressure testing, digital display, multi-unit switching, diverse operational modes, multi-manifold valve bodies, and a comprehensive refrigerant parameter database. It serves as an auxiliary measurement instrument for the installation, testing, and maintenance of automotive air conditioning and other cooling equipment.

Versatile Use: Five modes for easy switching—refrigeration testing, leak detection, vacuuming, compressor testing mode, and temperature difference mode.

High Precision Sensor: Includes temperature compensation with a measurement range from 0 bar to 60 bar. It can connect to dual temperature clamps to display current temperature values in real time.

Built-in data for 95 types of refrigerants, covering most automotive refrigerant systems on the market.

Bluetooth wireless connection allows for real-time data monitoring via a mobile app, and can connect to a Bluetooth temperature clamp as needed for temperature testing.

Smart Control System: Digital display for results, simplifying complex processes for intuitive and easy use.

Durable and reliable, featuring pure copper connectors and an aluminum alloy valve body, which are resistant to corrosion and wear.

Clear interface with a HD 4-inch LCD backlit display, ensuring visibility in various environments.

Time-saving and labor-saving design with features such as a foldable hook, side handles, and dual refrigerant observation windows.

Separate connections for high-pressure, low-pressure, filling, and vacuum pump hoses connectors, allowing precise control of each function and improving operational efficiency.

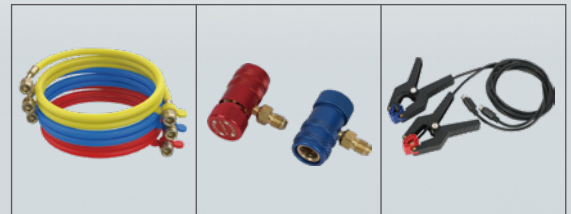
Multiple unit options with easy switching: six vacuum units and six pressure units.



Two-side handrails

Foldable hook

Refrigerant visible window



Three-Color Hoses Set

Low/High-Pressure
Hose Valve Connector

Temperature Clamps



Vacuum
Mode



Refrigerant
Mode



Pressure
Leak Test



4-inch
Display

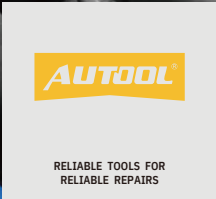


Built-in 92
Refrigerant Types



Bluetooth
Wireless Connection

Operating Voltage	7.5V (5 AA batteries) / DC 12V	Measurement Accuracy	±0.5%
Pressure Range	0~60bar	Number of Manifold Connectors	4
Temperature Range	0~85°C	Languages	13
Vacuum Range	-1~0bar	Built-in Refrigerant Types	95



REFRIGERANT RECOVERY MACHINE

The AUTOOL Refrigerant Recovery Machine is an all-in-one, fully automated and intelligent equipment that integrates functions such as refrigerant recovery, vacuum pumping, oil filling, and refrigerant charging. With a user-friendly interface, reliable manufacturing process, and advanced technological principles, it is a highly recommended choice for automotive air conditioning maintenance.

LM707	42
LM708	43



LM707

AUTOOOL

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LM707

REFRIGERANT RECOVERY MACHINE

REFRIGERANT RECOVERY MACHINE

The AUTOOL LM707 Refrigerant Recovery Machine is an all-in-one, fully automated and intelligent equipment that integrates functions such as refrigerant recovery, vacuum pumping, oil filling, and refrigerant charging. With a user-friendly interface, reliable manufacturing process, and advanced technological principles, it is a highly recommended choice for automotive air conditioning maintenance.

Automatic operation: the parameters can be set in advance and then the equipment automatically completes the refrigerant replacement work.

Large capacity internal tank: it can store up to 12kg of refrigerant, and can continuously replace refrigerant for dozens of vehicles.

Built-in high-precision electronic scale can accurately measure the weight of refrigerant and realize quantitative recovery and refilling of refrigerant.

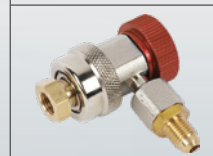
Suitable for fuel vehicles, hybrid vehicles, or new energy vehicle.

Equipped with two 350ml oil bottles, which can be used to drain used oil and refilling with new oil.

Refrigerant cleaning: the recovered refrigerant can be reused through the built-in filter and separator.



Refrigerant Hoses
(1 red and 1 blue)



High Pressure
Refrigerant
Quick Connector



Low Pressure
Refrigerant
Quick Connector



Refrigerant
Recovery



Vacuuming



Refrigerant
Refill



Refrigerant
Charging



Refrigerant
Cleaning



Auto Mode

Power Supply	AC 110V/220V	Internal Tank Capacity	12kg
Power Rating	800W	New Oil Bottle Capacity	350ml
Applicable Refrigerant Type	R134a	Used Oil Bottle Capacity	350ml
Operating Ambient Temperature	10°C-50°C	Recharging Rate	800-1200g/min
Electronic Scale Accuracy	±10g	Display Screen	5-inch Display
Recovery Capacity	200-350g/min	Product Weight	86kg
Vacuum Pump Capacity	5Pa	Product Size	545x610x973mm



LM708

REFRIGERANT RECOVERY MACHINE

Compatible with R134a and 1234yf refrigerants for vehicle air conditioner repair and maintenance.

Automatically performs recovery, vacuuming, recharging, and leak detection for R134a and 1234yf refrigerants.

Suitable for gasoline, diesel, hybrid, and pure electric vehicles.

Automatically cleans internal hoses to prevent mixing of different refrigerants and compressor oils.

Enhanced deep recovery function increases recovery efficiency to over 95%.

Equipped with five high-precision electronic scales for accurately weighing the internal tank storing R134a refrigerant, the internal tank storing 1234yf refrigerant, PAG, POE, and waste oil.

Offers three recharging methods: HP, LP, and HP+LP.

Built-in refrigerant database with over 20,000 models, allowing for customization.

Equipped with a printer for maintenance data printing as needed.

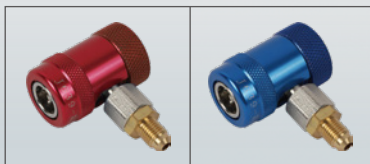
Powerful query functions provide access to operation records at anytime.



Refrigerant Hoses
(1 red and 1 blue)

High Pressure
Refrigerant
Quick Connector

Low Pressure
Refrigerant
Quick Connector



High Pressure
Refrigerant
Quick Connector

Low Pressure
Refrigerant
Quick Connector



Dual
systems



Data
Printing



Refrigerant
Recovery & Refill



Built-in
Database



Refrigerant
Cleaning



7-inch
Touch Screen



Intelligent Control Panel

The AUTOOL LM708 Refrigerant Recovery Machine is an all-in-one, fully automated and intelligent equipment that integrates functions such as refrigerant recovery, vacuum pumping, oil filling, and refrigerant charging. With a user-friendly interface, reliable manufacturing process, and advanced technological principles, it is a highly recommended choice for automotive air conditioning maintenance.

AUTOOL

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LM708

REFRIGERANT RECOVERY MACHINE

Power Supply	AC 110V/220V	Internal Tank Capacity	15kg (2 Units)
Power Rating	1100W	Recovery Capacity	3/8HP
Applicable Refrigerant Type	R134a/1234yf	Recovery Efficiency	>95%
Operating Ambient Temperature	-20°C~60°C	Vacuuming Capacity	180L/min (Bipolar)
Electronic Scales	5 Units	Oil Bottles	3 Units of 350ml Each (PAG/POE/Waste Oil)
Electronic Scale Accuracy	±10g	Display Screen	7-inch Touch Screen
Filter Processing Capacity	100kg	Product Size	708x645x1106mm



WALNUT SHELL BLASTING MACHINE

The AUTOOL Walnut Shell Blasting Machine utilizes walnut shell abrasive cleaning technology, which is safe, environmentally friendly, and highly effective for cleaning carbon deposits in automotive engine intake and exhaust systems. The principle of operation involves spraying walnut shell abrasive into the engine's intake manifold using high-pressure airflow. The high-pressure, high-speed walnut shell abrasive particles tumble and impact within the enclosed intake manifold, dislodging carbon deposits from the intake valves and cylinder. The walnut shell abrasive and carbon deposit mixture is then recovered through a specialized connector. By repeating this process, the accumulated carbon on the intake valves and intake pipes is brushed away. The entire carbon cleaning process is carried out without dismantling the main engine components, making it quick, efficient, safe, and reliable.

AUTOOL®

RELIABLE TOOLS FOR
RELIABLE REPAIRS

WD616

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WD716

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WD816

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WD616

WALNUT SHELL BLASTING MACHINE



The AUTOOL WD616 Walnut Shell Blasting Machine utilizes walnut shell abrasive cleaning technology to safely and environmentally clean carbon deposits in automotive engine intake and exhaust systems. Its operating principle involves walnut shell abrasive being sprayed into the engine intake manifold through high-pressure air. The high-speed, high-pressure abrasive particles roll and impact within the enclosed intake manifold, dislodging carbon deposits from the intake valves and cylinder walls, making it quick, efficient, safe, and reliable.

Walnut Shell Abrasive Cleaning Technology: Efficiently cleans carbon deposits attached to the automotive intake manifold, valves.

Large-capacity 30L pressure walnut shell abrasive tank. Connects to an external air compressor, allowing for pressure and flow adjustments during pipeline flushing to improve efficiency.

1000W High-power Motor: Supports 110/220V power supply, with stable performance and strong spray force, suitable for Europe, America, and Asia.

Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with corrosion resistance and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.

Built-in Filter: Captures used walnut shell abrasive for recycling, making it environmentally friendly and cost-effective.

Wide Applicability and Complete Specifications: Equipped with various connectors, supporting cleaning for over 99% of vehicle sizes on the market.



Deep Removal Of
Carbon Deposit



External Air
Source



Abrasive for
Recycling



Built-in
Dust Filter

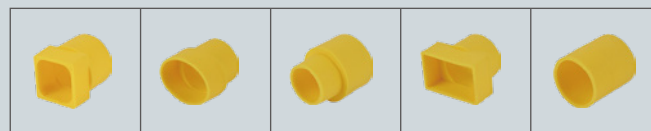


Integrated
Design



Before & After

Yellow Silicone Adapter Connector



For Audi

For BMW

For GM

For Benz

For Land Rover



Blasting Nozzle x2

Abrasive
Suction Hose
Adapter Elbow x2

Abrasive
Suction Hose

Safety Goggles

Rated Power	1000W	Air Flow Rate	< 300L/min
Pressure Setting	/	Rated Frequency	50/60Hz
Vacuum Suction	0.02MPa	Machine Capacity	30L
Rated Voltage	AC 110V/220V	Product Weight	20.5kg

AUTOOL

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WD616

WALNUT SHELL BLASTING MACHINE

WALNUT SHELL BLASTING MACHINE



Blasting Nozzle x2 Abrasive Suction Hose Adapter Elbow x2 Abrasive Suction Hose Safety Goggles

The AUTOOL WD716 Walnut Shell Blasting Machine utilizes walnut shell abrasive cleaning technology to safely and environmentally clean carbon deposits in automotive engine intake and exhaust systems. Its operating principle involves walnut shell abrasive being sprayed into the engine intake manifold through high-pressure air. The high-speed, high-pressure abrasive particles roll and impact within the enclosed intake manifold, dislodging carbon deposits from the intake valves and cylinder walls, making it quick, efficient, safe, and reliable.

Walnut Shell Abrasive Cleaning Technology: Efficiently cleans carbon deposits attached to the automotive intake manifold, valves.

Two Mode Options: Standard Mode / Expert Mode to meet different operational needs.

1500W High-power Motor: Supports 110/220V power supply, with stable performance and strong spray force, suitable for Europe, America, and Asia.

Large-capacity 10L pressure walnut shell abrasive tank. Features a visual pressure gauge and connects to an external air compressor, allowing for pressure and flow adjustments during pipeline flushing to improve efficiency.

Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with corrosion resistance and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.

Built-in Filter: Captures used walnut shell abrasive for recycling, making it environmentally friendly and cost-effective.

Wide Applicability and Complete Specifications: Comes with 23 types of connectors, supporting cleaning for over 99% of vehicle sizes on the market.

Built-in Storage Box: Includes a three-section retractable handle for convenient organization and storage of accessories.



Deep Removal Of Carbon Deposit



External Air Source



Built-in Dust Filter



Abrasive for Recycling

Black Rubber Adapter



For Volkswagen Porsche 2.4/2.5/2.8/3.0 For Volkswagen Audi EA211 For Volkswagen Audi 2.4 / 2.8 For BMW B38 / B48 / B58 For BMW N26 / N49 For BMW N54 / N55



For Benz 270 / 240 For Honda For Honda For Nissan For Trumpchi For GM



For Volkswagen For Benz For Benz For Volvo For Audi For Toyota

Yellow Silicone Adapter Connector



For Audi For BMW For GM For Benz For Land Rover

Rated Power	1500W	Air Flow Rate	< 300L/min
Pressure Setting	Pressure Knob Adjustment	Rated Frequency	50/60Hz
Vacuum Suction	0.02MPa	Machine Capacity	10L
Rated Voltage	AC 110V/220V	Product Weight	52kg



WD816

WALNUT SAND COMBUSTION CHAMBER DE-CARBON CLEANER

Walnut Shell Abrasive Cleaning Technology: Efficiently cleans carbon deposits attached to the automotive intake manifold, valves, and combustion chamber.

Large-capacity 4L pressure walnut shell abrasive tank. Features a visual pressure gauge and connects to an external air compressor, allowing for pressure and flow adjustments during pipeline flushing to improve efficiency.

1500W High Power: Supports 110/220V power supply, with strong suction for more thorough carbon removal, suitable for Europe, America, and Asia.

Safe and Non-harmful Physical Cleaning: Uses walnut shells as abrasives, free from harmful chemicals, with corrosion resistance and cleaning ability to effectively remove various contaminants, rust, and old coatings from metal surfaces.

Built-in Filter: Captures used walnut shell abrasive for recycling, making it environmentally friendly and cost-effective.

Wide Applicability and Complete Specifications: Comes with multiple connectors, supporting cleaning for most of vehicle sizes on the market.

Portable Integrated Design: Equipped external 360 ° rotating reinforced casters for easy mobility during different operations.



Deep Removal Of Carbon Deposit



External Air Source



Built-in Dust Filter



Abrasive for Recycling

Black Rubber Adapter



For Volkswagen
Porsche
2.4/2.5/2.8/3.0

For Volkswagen
Audi EA211

For Volkswagen
Audi 2.4 / 2.8

For BMW
B38 / B48 / B58

For BMW
N26 / N49

For BMW
N54 / N55



For Benz
270 / 240

For Honda

For Honda

For Nissan

For Trumpchi

For GM



For Volkswagen

For Benz

For Benz

For Volvo

For Audi

For Toyota

Yellow Silicone Adapter Connector



For Audi

For BMW

For GM

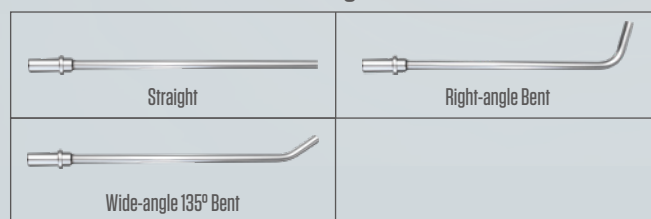
For Benz

For Land Rover

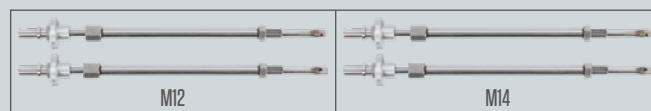
The AUTOOL WD816 Walnut Sand Combustion Chamber De-Carbon Cleaner utilizes walnut shell abrasive cleaning technology to safely and environmentally clean carbon deposits in automotive engine intake and exhaust systems. Its operating principle involves walnut shell abrasive being sprayed into the engine intake manifold through high-pressure air. The high-speed, high-pressure abrasive particles roll and impact within the enclosed intake manifold, dislodging carbon deposits from the intake valves and cylinder walls. The walnut shell abrasive and carbon mixture is then recovered through a dedicated connector. This allows for the cleaning of carbon deposit in the combustion chamber without disassembling the engine's major components, making it quick, efficient, safe, and reliable.



Intake / Exhaust Valve Cleaning Tube



Combustion Chamber Cleaning Tube



Rated Power	1500W	Air Flow Rate	< 300L/min
Pressure Setting	Pressure Knob Adjustment	Rated Frequency	50/60Hz
Vacuum Suction	0.02MPa	Machine Capacity	10L
Rated Voltage	AC 110V/220V	Product Weight	50kg

AUTOOL

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WD816

WALNUT SAND COMBUSTION CHAMBER DE-CARBON CLEANER



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS

CO₂

DRY ICE BLASTING MACHINE

The AUTOOL Dry Ice Blasting Machine is a versatile cleaning tool designed for automotive maintenance, specifically tailored for engine carbon deposit removal. Utilizing high-speed airflow, dry ice particles are accelerated to remove carbon deposits effectively. The cleaned dry ice evaporates safely in the environment, leaving no residue and ensuring vehicle safety. This machine is ideal for cleaning engine compartments, cylinder combustion chambers, intake valves, throttle bodies, and more, serving multiple cleaning and maintenance purposes. AUTOOL integrates extensive practical experience into product development, emphasizing safety, reliability, intelligence, and user-friendliness.

HTS818

49

HTS828

50

DRY ICE BLASTING MACHINE

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HTS818

DRY ICE BLASTING MACHINE



The AUTOTOOL HTS818 Dry Ice Blasting Machine is a versatile cleaning tool designed for automotive maintenance, specifically tailored for engine carbon deposits removal. Utilizing high-speed airflow, dry ice particles are accelerated to remove carbon deposits effectively. The cleaned dry ice evaporates safely in the environment, leaving no residue and ensuring vehicle safety. This machine is ideal for cleaning engine compartments, cylinder combustion chambers, intake valves, throttle bodies, and more, achieving multiple cleaning and maintenance functions with one machine.

Safe and Environmentally Friendly: Uses gentle cleaning technology that cleans surfaces quickly and effectively without leaving any chemical pollutants.

Intelligent Control Panel: Provides intuitive operation with on/off buttons and dry ice quantity control.

Large-Capacity Dry Ice Tank: One-step carbon deposit cleaning.

Visual Pressure Gauge: Monitors output pressure in real-time.

Dry Ice Quantity Control Button: Precisely adjusts the amount of dry ice emitted.

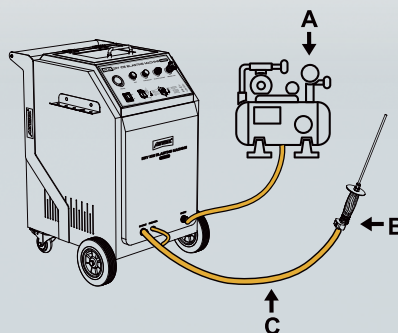
Multiple Nozzles Included: Meets various cleaning needs.

Portable and integrated design with external 360 ° rotating reinforced casters and handle, suitable for mobility in various environments.

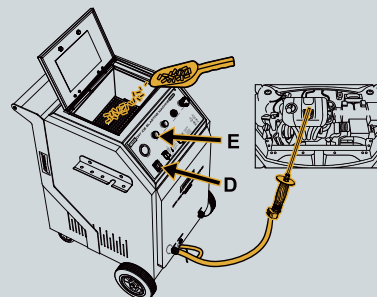
Wide Applicability: Supports cleaning of engine cylinder combustion chambers, valve carbon deposits, intake manifolds, catalytic converters, fuel vehicles, and engine compartments.

Multiple Application Fields: Suitable for automotive maintenance, industrial equipment, aerospace, construction, and other scenarios.

Quick Guide



1. Connect an external air source(A)
(pipe outside diameter > DN20, pressure > 6 bar).
2. Connect the control handle(B) and ice outlet hose(C).



3. Turn on the power(D), add dry ice, and adjust the ice output.
4. Press the switch(E) to clean. After cleaning, set ice output to zero and spray for 30s to prevent ice blockage.



High-efficiency
Cleaning



Pressure Gauge
Display



Adjustable Dry
Ice Amount



Eco-friendly
& Safety



Widely
Used



**PREVENT ELECTRIC
LEAKAGE**



**WEAR EYE
PROTECTION**



**CHILDREN
FORBIDDEN**



**WEAR
GLOVES**

Power Supply	AC 110V/220V	Dry Ice Particle Size	3mm
Dry Ice Capacity	24kg	Dry Ice Feed Rate (Adjustable)	0~3.2kg/min
Compressed Air Flow	>1~3m ³ /min	Net Weight	60.3kg
Supply Air Pressure	0.3~1.0Mpa	Product Size	455x625x818mm

DRY ICE BLASTING MACHINE



The AUTOOL HTS828 Dry Ice Blasting Machine is a versatile cleaning tool designed for automotive maintenance, specifically tailored for engine carbon deposit removal. Utilizing high-speed airflow, dry ice particles are accelerated to remove carbon deposits effectively. The cleaned dry ice evaporates safely in the environment, leaving no residue and ensuring vehicle safety. This machine is ideal for cleaning engine compartments, cylinder combustion chambers, intake valves, throttle bodies, and more, serving multiple cleaning and maintenance purposes. AUTOOL integrates extensive practical experience into product development, emphasizing safety, reliability, intelligence, and user-friendliness.

Safe and Environmentally Friendly: Uses gentle cleaning technology that cleans surfaces quickly and effectively without leaving any chemical pollutants.

Intelligent Control Panel: Provides intuitive operation with on/off buttons and dry ice quantity control.

Dual-channel Pressure Display: Simultaneously shows both inlet and outlet pressures.

Large-Capacity Dry Ice Tank: One-step carbon deposit cleaning.

Visual Pressure Reading: Real-time monitoring of operational status.

Dry Ice Quantity Control Button: Precisely adjusts the amount of dry ice.

Multiple Nozzles Included: Meets various cleaning needs.

Portable and integrated design with external 360° rotating reinforced casters and handle, suitable for mobility in various environments.

Wide Applicability: Supports cleaning of engine cylinder combustion chambers, valve carbon deposits, intake manifolds, catalytic converters, fuel vehicles, and engine compartments.

Multiple Application Fields: Suitable for automotive maintenance, industrial equipment, aerospace, construction, and other scenarios.



High-efficiency
Cleaning



Dual Pressure
Gauge Display



Adjustable Dry
Ice Amount

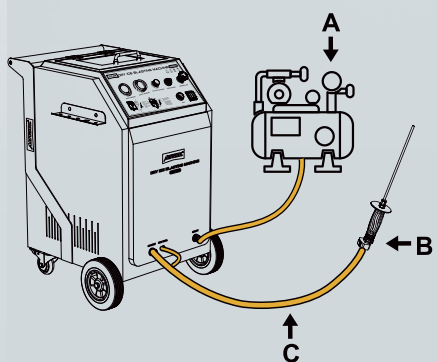


Eco-friendly
& Safety

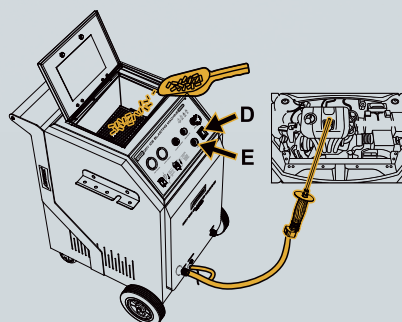


Widely
Used

Quick Guide



1. Connect an external air source(A)
(pipe outside diameter > DN20, pressure > 6 bar).
2. Connect the control handle(B) and ice outlet hose(C).



3. Turn on the power(D),
add dry ice, and adjust
the ice output.
4. Press the switch(E) to
clean. After cleaning,
set ice output to zero
and spray for 30s to
prevent ice blockage.



PREVENT ELECTRIC
LEAKAGE



WEAR EYE
PROTECTION



CHILDREN
FORBIDDEN



WEAR
GLOVES

Power Supply	AC 110V/220V	Dry Ice Particle Size	3mm
Dry Ice Capacity	17.5kg	Dry Ice Feed Rate (Adjustable)	0~3.2kg/min
Compressed Air Flow	>1~3m ³ /min	Power	500W
Supply Air Pressure	0.3~1.0Mpa	Product Size	517x635x815mm



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



BRAKE FLUID BLEEDER

The AUTOOL Brake Fluid Bleeder utilizes a novel pulsating technology for brake fluid replacement. This technology emits continuous pulse signals to apply pressure to the brake fluid pipelines, effectively cleaning the lines. This ensures a more thorough replacement of brake fluid, preventing the formation of air bubbles during the oil change and filling process, thereby optimizing or eliminating the need for manual air bleeding.

BM773

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BM775

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BM776

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BRAKE FLUID BLEEDER

Pulsating brake fluid change automatically removes air bubbles from the brake lines and cleans dirt from the circuits, making the fluid change more thorough.

Fully automatic one-click fluid change for single-person operation, efficient and fast, saving time and effort, and improving work efficiency.

Visual pressure gauge for intuitively assessing the working pressure status of the fluid change system.

Mechanical pressure adjustment allows the fluid change pressure to be regulated via a knob, meeting the pressure requirements for brake fluid change in different vehicle models.

The body is made of high-quality 304 stainless steel, offering corrosion resistance, high-temperature endurance, and oxidation resistance, ensuring durability and aesthetic appeal.

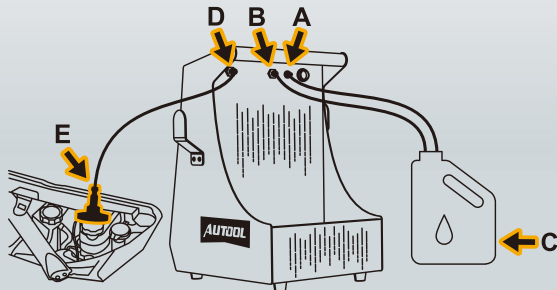
Equipped with 17 aluminum alloy adapters, suitable for most vehicle models.

The AUTOOL BM773 Brake Fluid Bleeder features a brand-new pulsating brake fluid change technology. It delivers pulsating pressure to the brake fluid lines in a continuous, pulse-like manner, thoroughly flushing the brake system's fluid circuits while replacing the brake fluid. The fully sealed fluid path also prevents air bubbles from forming during the fluid change process. The BSM773 Brake Fluid Bleeder enables efficient and reliable cleaning of the brake system lines and replacement of the brake fluid.

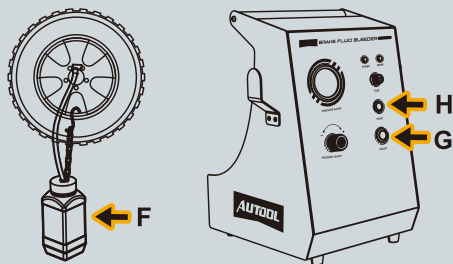


Quick Guide

1. Insert the pressure balancing hose (A) and the suction hose (B) into the new brake fluid bottle (C).
2. Connect the filling hose (D) to the brake reservoir using the adapter (E) (ensure air bleeding before connecting).



3. Connect the recycle bottle (F) to wheel cylinder.
4. Turn on the power (G), long press "START" button (H) to work.



One-click
Exchange



Pressure
Adjustable



Improve
Efficiency



Widely
Applicable



Single-person
Operation



Portable
Design

Power Supply	AC 110V/220V	Maximum Output Flow	1.6L/min
Power	40W	Filling Hose Length	3.5m
Operating Pressure	0.7~3.0bar	Adapter Fittings	17 types



BM775

AUTOOL

BRAKE FLUID BLEEDER



The AUTOOL BM775 Brake Fluid Bleeder features a brand-new pulsating brake fluid change technology. It delivers pulsating pressure to the brake fluid lines in a continuous, pulse-like manner, thoroughly flushing the brake system's fluid circuits while replacing the brake fluid. The fully sealed fluid path also prevents air bubbles from forming during the fluid change process. The BSM775 Brake Fluid Bleeder enables efficient and reliable cleaning of the brake system lines and replacement of the brake fluid.

Brand new ID design, easy to use and store, ensuring organized and confident operation.

Pulsating brake fluid change automatically removes air bubbles from the brake lines and cleans dirt from the circuits, making the fluid change more thorough.

Fully automatic one-click fluid change for single-person operation, efficient and fast, saving time and effort, and improving work efficiency.

Automatic pressure relief function upon shutdown for easy operation and to prevent fluid splashing.

Visual pressure gauge for intuitively assessing the working pressure status of the fluid change system.

The smart control panel allows precise setting of the working pressure to meet the requirements of different vehicle models.

Four-wheel simultaneous fluid change allows for the brake fluid of all four wheels to be changed at once, making the process more efficient.

Portable integrated design with a three-stage telescoping handle and external 360° rotating casters, meeting the needs of various working environments.

Wide applicability with 17 adapter types, suitable for most vehicle models on the market.

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BM775

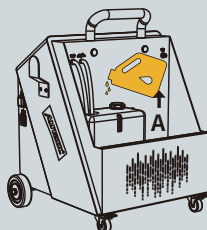
BRAKE FLUID BLEEDER



Quick Guide

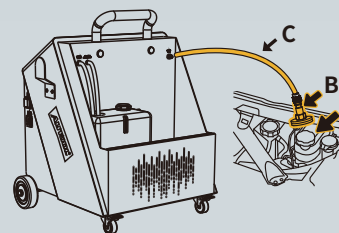
- Pour new brake fluid into the fuel tank (A).

1



- Connect the filling hose (C) to the brake reservoir using the adapter (B) (ensure air bleeding before connecting).

2



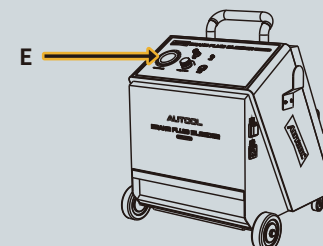
- Connect the four recycle bottles (D) to wheel cylinder respectively.

3



- Press "START" button (E) to start working.

4



Pulsating Oil Exchanging



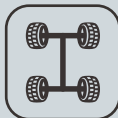
Pressure Adjustable



Automatic Pressure Relief



Single-person Operation



Simultaneous Four-wheel Fluid Change



Suitcase-style Design

Power Supply	AC 110V/220V	Filling Hose Length	3.5m
Power	40W	Adapter Fittings	17 types
Operating Pressure	0.7~3.0bar	Pressure Bleed Time After Stopping	10S
Maximum Output Flow	1.6L/min	Supported Simultaneous Exchange	4 Brake Cylinders



BRAKE FLUID BLEEDER

Trolley-style design for greater practical space, easy storage, and preventing tool clutter, allowing you to operate in an organized and efficient manner every time.

Pulsating brake fluid change automatically removes air bubbles from the brake lines and cleans dirt from the circuits, making the fluid change more thorough.

Fully automatic one-click fluid change for single-person operation, simultaneous four-wheel fluid change, efficient and fast, saving time and effort, and improving work efficiency.

Automatic pressure relief and fluid level adjustment function upon shutdown. It automatically adjusts the brake fluid level, eliminating the hassle of manually adjusting the fluid level after the fluid change is completed.

Visual pressure gauge for intuitively assessing the working pressure status of the fluid change system.

The smart control panel allows precise setting of the working pressure to meet the requirements of different vehicle models.

Trolley-style integrated design with external 360 ° rotating casters, meeting the needs of various working environments.

Wide applicability with 17 adapter types, suitable for most vehicle models on the market.

The AUTOOL BM776 Brake Fluid Bleeder features a brand-new pulsating brake fluid change technology. It delivers pulsating pressure to the brake fluid lines in a continuous, pulse-like manner, thoroughly flushing the brake system's fluid circuits while replacing the brake fluid. The fully sealed fluid path also prevents air bubbles from forming during the fluid change process. The BSM776 Brake Fluid Bleeder enables efficient and reliable cleaning of the brake system lines and replacement of the brake fluid.



01	FOR Benz, FOR BMW, FOR Audi, FOR Skoda, FOR FIAT, FOR Lexus, FOR Ford, FOR Jaguar, FOR Land Rover, FOR Porsche, FOR Buick, FOR Chevrolet, FOR Volvo, FOR Citroen, FOR Volkswagen, FOR PEUGEOT, FOR Renault		
02	FOR Mitsubishi, FOR JAC, FOR Hyundai, FOR Infiniti, FOR Subaru, FOR Renault, FOR KIA series, FOR BAIC BJEV		
03	FOR Buick business series	04	FOR Ford Focus, FOR Ford edge, FOR Audi, FOR PEUGEOT
05	FOR Honda series	06	FOR Toyota series
07	FOR Cadillac, FOR Ford Fiesta, FOR Buick, FOR Mazda	08	FOR Dodge, FOR Chrysler, FOR JEEP series
09	FOR DONG FENG FENGXING Series	10	FOR Nissan Series
11	FOR WULING	12	FOR Changan Suzuki
13	FOR SOUEAST DX5, FOR DX7	14	FOR Teana, FOR Qashqai, FOR X-TRAIL(Nissan 2.0 and above)
15	FOR Mitsubishi, FOR SOUEAST, FOR LINGYUE		
16	FOR Tesla	17	Quick connector



Pulse Adjustable



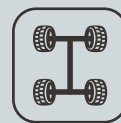
Pressure Adjustable



Automatic Pressure Relief



Automatic Fluid Level Adjustment



Simultaneous Four-wheel Fluid Change



Trolley-style Design

Power Supply	AC 110V/220V	Filling Hose Length	3m
Power	40W	Adapter Fittings	17 types
Operating Pressure	0.7~3.0bar	Pressure Bleed Time After Stopping	10S
Maximum Output Flow	1.6L/min	Supported Simultaneous Exchange	4 Brake Cylinders
Pulse Frequency	800~2000 times/min	Liquid Storage Tank	10L



AUTOTOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



AUTOMOTIVE STABILIZED POWER SUPPLY

The AUTOTOL Automotive Stabilized Power Supply features functions such as jump start, charging, and battery restoration. It can be used not only for stabilizing voltage during software upgrades and programming of automotive electronic control modules but also serves as a charger through mode switching, providing charging and auxiliary starting for 12V vehicles batteries. Additionally, it functions as a power supply device for automotive maintenance and debugging purposes.

PR420	56
PR430	57
PR460	58



AUTOMOTIVE STABILIZED POWER SUPPLY

Programmable Power Supply Mode: Precisely set the voltage range to provide a stable voltage source, ensuring accurate data transmission during ECU system programming and decoding operations.

Multi-stage Smart Charging Mode: Smartly adjusts charging power for optimal charging effect.

Battery Restoration Function: Uses advanced pulse restoration technology to quickly fix battery issues and restore the battery to its usable state.

Vehicle Display Mode: Uninterrupted power supply supports simultaneous charging and discharging, also serving as a stable external power source for vehicle exhibitions.



Programming Power



Fast Charging



Vehicle Display Mode



Battery Restoration



Multi-Protection



Lightweight & Portable

Suitable for 12V Batteries:



Applicable Battery Types:



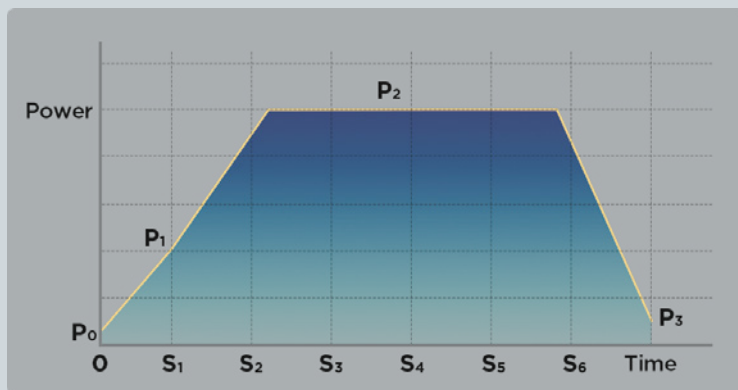
Programming Power Supply Mode

The AUTOOL PR420 Automotive Stabilized Power Supply features functions such as charging, and battery restoration. It can be used not only for stabilizing voltage during software upgrades and programming of automotive electronic control modules but also serves as a charger through mode switching, providing charging, repairing, and auxiliary starting for 12V vehicles. Additionally, it functions as a power supply device for automotive maintenance and debugging purposes.



High-speed Cooling Fan

MULTI-STAGE SMART CHARGING



Rated Input Voltage	AC 110V or AC 220V	Supply Current	120A
Input Frequency	50Hz/60Hz	No-Load Power Loss	6W
Rated Input Power	1200W	Efficiency	81%
Supply Voltage Range	10.8V-16V	Insulation Grade	F
Charging Current/Voltage	20A / 12V	Enclosure Protection Level	IP21S



PR430

AUTOTOL

AUTOMOTIVE STABILIZED POWER SUPPLY



High-speed Cooling Fan

The AUTOTOL PR430 Automotive Stabilized Power Supply features functions such as forced start, charging, and battery restoration. It can be used not only for stabilizing voltage during software upgrades and programming of automotive electronic control modules but also serves as a charger through mode switching, providing charging, repairing, and auxiliary starting for 12V vehicles. Additionally, it functions as a power supply device for automotive maintenance and debugging purposes.

Programmable Power Supply Mode: Precisely set the voltage range to provide a stable voltage source, ensuring accurate data transmission during ECU system programming and decoding operations.

Multi-stage Smart Charging Mode: Smartly adjusts charging power for optimal charging effect.

Battery Restoration Function: Uses advanced pulse restoration technology to quickly fix battery issues and restore the battery to its usable state.

Vehicle Display Mode: Uninterrupted power supply supports simultaneous charging and discharging, also serving as a stable external power source for vehicle exhibitions.

Vehicle Emergency Start: Provides 400A high cranking current, easily starting car engines below 3.0L displacement.



Programming Power



Fast Charging



Vehicle Forced Start



Battery Restoration



Multi-Protection



Lightweight & Portable

Suitable for 12V Batteries:



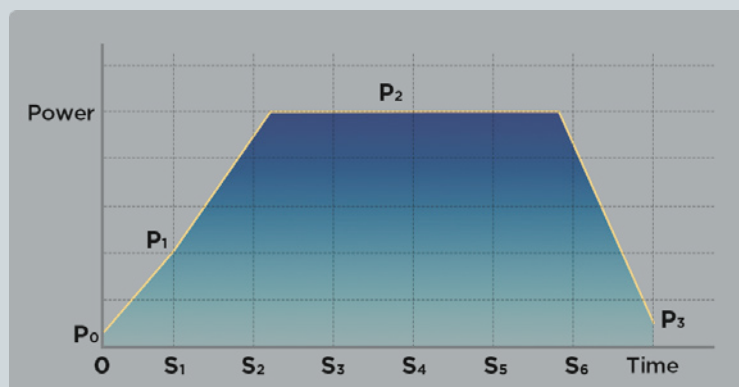
Applicable Battery Types:



Applicable Lithium Battery Types:



MULTI-STAGE SMART CHARGING



Rated Input Voltage	AC 110V or AC 220V	Lead-Acid Battery Charging Current/Voltage	40A / 12V
Input Frequency	50Hz/60Hz	Lithium Battery Charging Current/Voltage	20A / 12V
Rated Input Power	1500W	Supply Current	150A
Cranking Current/Voltage	400A / 12V	No-Load Power Loss	6W
Supply Voltage Range	9V-16V	Enclosure Protection Level	IP21S

PR430

AUTOMOTIVE STABILIZED POWER SUPPLY



AUTOMOTIVE STABILIZED POWER SUPPLY

Programmable Power Supply Mode: Precisely set the voltage range to provide a stable voltage source, ensuring accurate data transmission during ECU system programming and decoding operations.

Multi-stage Smart Charging Mode: Smartly adjusts charging power for optimal charging effect.

Battery Restoration Function: Uses advanced pulse restoration technology to quickly fix battery issues and restore the battery to its usable state.

Vehicle Display Mode: Uninterrupted power supply supports simultaneous charging and discharging, also serving as a stable external power source for vehicle exhibitions.

Vehicle Emergency Start: Provides 400A high cranking current, easily starting car engines below 3.0L displacement.

Adjustable Charging Power Supply: Adapts to the charging needs of various devices by flexibly adjusting the output voltage and current, providing reliable testing for different electrical accessories.

The AUTOOL PR460 Automotive Stabilized Power Supply features functions such as forced start, charging, and battery restoration. It can be used not only for stabilizing voltage during software upgrades and programming of automotive electronic control modules but also serves as a charger through mode switching, providing charging and auxiliary starting for 12V vehicles (including lithium batteries). Additionally, it functions as a power supply device for automotive maintenance and debugging purposes.



Programming Power



Fast Charging



Vehicle Forced Start



Battery Restoration



Multi-Protection



Lightweight & Portable

Suitable for 12V Batteries:



Applicable Battery Types:



FLOODED
REGULAR



AGM
SPIRAL



AGM
FLAT



EFB



GEL

Applicable Lithium Battery Types:



NCM



LFP



Providing Reliable Testing
For Different Electrical
Accessories.



Rated Input Voltage	AC 110V or AC 220V	Lead-Acid Battery Charging Current/Voltage	40A / 12V
Input Frequency	50Hz/60Hz	Lithium Battery Charging Current/Voltage	20A / 12V
Rated Input Power	1500W	Supply Current	150A
Cranking Current/Voltage	400A / 12V	Supply Voltage Range	9V-16V
Adjustable Power Supply Current/Voltage	20A/3V-8.9V, 100A/9V-16V		



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



COOLING SYSTEM TESTER & FILLER

The AUTOOL Automotive Cooling System Tester and Filler is a device used in automotive maintenance and repair. It is designed to test for leaks in the cooling system by drawing a vacuum and pressurizing, as well as for filling the cooling fluid. With a high degree of automation, it can be operated by a single person, making it convenient, time-saving, and labor-saving. It effectively assists users in understanding the status of the automotive cooling system and provides corresponding maintenance solutions.

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COOLING SYSTEM TESTER & FILLER

The AUTOOL SC301 Automotive Cooling System Tester and Filler is a device used in automotive maintenance and repair. It is designed to test for leaks in the cooling system by drawing a vacuum and pressurizing, as well as for filling the cooling fluid. With a high degree of automation, it can be operated by a single person, making it convenient, time-saving, and labor-saving. It effectively assists users in understanding the status of the automotive cooling system and provides corresponding maintenance solutions.



Fully Automated Operation: Combines vacuuming the cooling system, pressure leak testing, and coolant filling into one equipment.

Wide Compatibility: Includes three types of conical adapters, covering most vehicles in Europe, America, and Asia.

Three Pressure Settings: Adjustable to -35kPa, -40kPa, or -45kPa for precise pressure values.

Digital Display Window: Intuitively and clearly shows the data.

Safety Protection Feature: Automatically stops and proceeds to the next step once the vacuum reaches a set pressure, preventing damage to the vehicle's cooling system.

Liquid Drainage Design: Allows for the drainage of residual coolant from internal pipes at the end of the operation, ensuring safety and reliability.



Cooling System Vacuum



Coolant Filling



Pressure Leak Detection



3 Pressure Modes



Digital Display



Pressure Protection Design



Adapter Fittings



Power Supply	DC 12V	Length of Air Output Tube	1m
Pressure Range	-1~2bar	Length of Fluid Input Tube	0.5m
Operating Temperature	-10°C~60°C	Package Weight	7.2kg
Length of Refilling Tube	2m	Package Dimensions	370x310x416mm



SC501

SMART COOLING SYSTEM FLUSH & EXCHANGE MACHINE

Circulating Flushing: Uses the equipment to clean the vehicle's cooling system to effectively remove scale, rust, and other impurities, improving heat dissipation efficiency and extending the service life of the cooling system.

Circulating Exchange: Facilitates coolant exchange by simultaneously filling new fluid and recovering old fluid through the equipment, achieving an exchange rate approaching 100%.

Safety Protection: Equipped with pressure overload protection to prevent excessive pressure from damaging the vehicle's cooling system.

Easy Operation: Controlled by valve knobs for simple and intuitive operation, convenient to operate, and requires no special training.

Real-time Fluid Level Display: Shows the fluid levels of new/old coolant in real time.

Silent Design: Operates with minimal noise during use.

New/Old Fluid Visual Comparison: Features transparent lines with sight glass for easy observation and comparison of new and old fluids, ensuring the quality of coolant exchange.

Versatile Vehicle Compatibility: Equipped with various adapters to accommodate the cooling systems of the majority of vehicles available on the market.



Circulating Exchange



Circulating Flushing



Temperature Monitoring



Pressure Monitoring



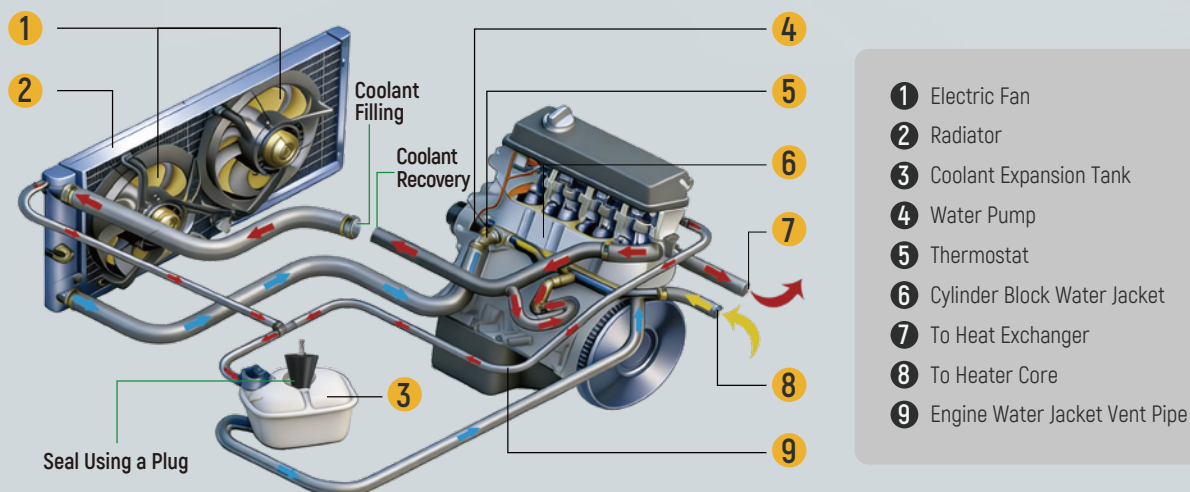
Easy Mobility



Compatible with Over 95% of Vehicle Models



COOLING SYSTEM CIRCULATING EXCHANGE SCHEMATIC



Power Supply	AC 100~240V	System Pressure	0~3.5kg/cm ²
Rated Power	150W	Fluid Exchange Hose Length	2.5m
Fluid Tank Capacity			25L

AUTOOL

61

SC501

SMART COOLING SYSTEM FLUSH & EXCHANGE MACHINE

SMART COOLING SYSTEM FLUSH & EXCHANGE MACHINE

One-click Fully Automatic Exchange: Automatically completes the vehicle coolant exchange without repeated manual operations, improving work efficiency.

Safety Protection: Equipped with pressure overload protection to prevent excessive pressure from damaging the vehicle's cooling system.

Precise Control: Accurately controls the coolant flow rate and pressure during the exchange process to ensure precision and prevent any damage to the cooling system.

Flushing Function: Performs circulating flushing of the cooling system to effectively remove scale, rust, and other impurities, improving heat dissipation efficiency and extending the service life of the cooling system.

Easy Operation: The user interface is simple and intuitive, making it easy to use without the need for special training.

Real-time Fluid Level Display: Shows the fluid levels of new/old coolant in real time.

Silent Design: Operates with minimal noise during use.

New/Old Fluid Visual Comparison: Features transparent lines with sight glass for easy observation and comparison of new and old fluids, ensuring the quality of coolant exchange.

Vacuum Holding Pressure Mode: Before filling, the coolant can be drained to create a vacuum, and the system performs a pressure-holding test to check for any leaks in the cooling system.

Vacuum Filling Mode: Enables vacuum filling of the vehicle's cooling system to ensure coolant filling quality, meeting the demands of high-end and new energy vehicles with more complex and extended cooling system lines.

Versatile Vehicle Compatibility: Equipped with various adapters to accommodate the cooling systems of the majority of vehicles available on the market.

AUTOOL SC611 is a fully intelligent automotive cooling system maintenance equipment. It integrates multiple functions into one unit, including cooling system leak test, system flushing, coolant circulating exchange, and vacuum coolant filling. The machine features a high level of automation, allowing convenient one-person operation that saves time and labor and making it a safe, reliable, and highly efficient professional tool for coolant exchange.



Accessories



One-click
Fully Auto Exchange



Circulating
Flushing



Vacuum
Filling



Vacuum
Leak Test



User-friendly
UI Design



Wide Vehicle
Compatibility



Power Supply	AC 100~240V	System Pressure	0~3.5kg/cm ²
Rated Power	150W	Fluid Exchange Hose Length	2.5m
Fluid Tank Capacity	25L	Vacuum Level Adjustment	-35~-80kPa



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



PNEUMATIC OIL DRAINER & EXTRACTOR

The principle of the AUTOOL Pneumatic Oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.

OD710	64
OD720	65
OD750	66
OD760	67-68



PNEUMATIC OIL DRAINER & EXTRACTOR

Large Capacity Oil Storage Tank: Made of 1.5mm SPHC hot-rolled steel plate with increased thickness, providing more reliable safety protection.

Large Oil Drain Pan with Filter: Equipped with a filter to isolate impurities, reducing the risk of spills during the oil collection process.

Stainless Steel Lifting Rod: Adjustable to different working scenarios for greater flexibility.

Measuring Cup: Made from explosion-proof, high-temperature-resistant transparent organic glass. It can be vacuumed independently or simultaneously with the oil storage tank.

Oil Level Sight Window: Allows easy observation of the amount of waste oil recovered to ensure thorough removal and prevent residue inside the tank.

Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.

360° Swivel Reinforced Casters: Can be locked with one-click, offering strong load-bearing capacity and smooth mobility.

The principle of the AUTOOL OD710 Pneumatic Oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.

Adjustable height up to 30cm.



SPECIFICATIONS OF OIL EXTRACTION HOSES

- 1 Ø5 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 1.9L/Min
- 2 Ø6 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 3.7L/Min
- 3 Ø5 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 1.0L/Min
- 4 Ø6 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 2.0L/Min
- 5 Ø8 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 6.5L/Min



Large-size Oil Pan



Adjustable Height



Explosion-proof Measuring Cup



Oil Level Sight Window



Thickened Tank Construction



360° Swivel Casters



Tank Capacity	30L	Vacuum Level	0-65 cmHg
Air Source Pressure	6-8 bar	Measuring Cup Capacity	10L
Oil Drain Pressure	0.6-0.8 bar	Oil Drain Pan Capacity	20L
Air Consumption	150L/Min	Operating Oil Temperature	40-80°C



OD720

PNEUMATIC OIL DRAINER & EXTRACTOR

Ergonomically designed, independently developed handle-type press valve for simple operation and effortless pressing. The valve core is directly controlled by the pressing action for precise opening and closing.

Large Oil Drain Pan with Filter: Equipped with a filter to isolate impurities, reducing the risk of spills during the oil collection process.

70L Oil Storage Tank: Made of 1.5mm SPHC hot-rolled steel plate with increased thickness, providing more reliable safety protection.

Stainless Steel Lifting Rod: Adjustable to different working scenarios for greater flexibility.

Measuring Cup: Made from explosion-proof, high-temperature-resistant transparent organic glass. It can be vacuumed independently or simultaneously with the oil storage tank.

Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.

360 ° Swivel Reinforced Casters: Can be locked with one-click, offering strong load-bearing capacity and smooth mobility.

SPECIFICATIONS OF OIL EXTRACTION HOSES

- 1 Ø5 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 1.9L/Min
- 2 Ø6 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 3.7L/Min
- 3 Ø5 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 1.0L/Min
- 4 Ø6 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 2.0L/Min
- 5 Ø8 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 6.5L/Min



Large-size Oil Pan



Adjustable Height



Explosion-proof Measuring Cup



Vacuum Extraction Tech



Thickened Tank Construction



360° Swivel Casters

The principle of the AUTOOL OD720 Pneumatic Oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.

Adjustable height up to 30cm.



AUTOOL

65

OD720

PNEUMATIC OIL DRAINER & EXTRACTOR

Tank Capacity	70L	Vacuum Level	0~65 cmHg
Air Source Pressure	6~8 bar	Measuring Cup Capacity	10L
Oil Drain Pressure	0.6~0.8 bar	Oil Drain Pan Capacity	20L
Air Consumption	150L/Min	Operating Oil Temperature	40~80°C

PNEUMATIC OIL DRAINER & EXTRACTOR

Ergonomically designed, independently developed handle-type press valve for simple operation and effortless pressing. The valve core is directly controlled by the pressing action for precise opening and closing.

100L Oil Storage Tank: Made of 1.5mm SPHC hot-rolled steel plate with increased thickness, providing more reliable safety protection.

Large Oil Drain Pan with Filter: Equipped with a filter to isolate impurities, reducing the risk of spills during the oil collection process.

Stainless Steel Lifting Rod: Adjustable to different working scenarios for greater flexibility.

Measuring Cup: Made from explosion-proof, high-temperature-resistant transparent organic glass. It can be vacuumed independently or simultaneously with the oil storage tank.

Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.

360° Swivel Reinforced Casters: Can be locked with one-click, offering strong load-bearing capacity and smooth mobility.

The principle of the AUTOOL OD750 Pneumatic Oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.



Adjustable height up to 30cm.

SPECIFICATIONS OF OIL EXTRACTION HOSES

- 1 Ø5 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 1.9L/Min
- 2 Ø6 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 3.7L/Min
- 3 Ø5 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 1.0L/Min
- 4 Ø6 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 2.0L/Min
- 5 Ø8 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 6.5L/Min



Large-size Oil Pan



Adjustable Height



Explosion-proof Measuring Cup



Vacuum Extraction Tech



Thickened Tank Construction



360° Swivel Casters



Handle-type Press Valve

Tank Capacity	100L	Vacuum Level	0-65 cmHg
Air Source Pressure	6-8 bar	Measuring Cup Capacity	12L
Oil Drain Pressure	0.6-0.8 bar	Oil Drain Pan Capacity	20L
Air Consumption	150L/Min	Operating Oil Temperature	40-80°C



OD760

AUTOTOL

PNEUMATIC OIL DRAINER & EXTRACTOR



The principle of the AUTOTOL OD760 Pneumatic Oil Drainer and Extractor is to use compressed air to create a vacuum in the transparent measuring cup and the oil storage tank. This negative pressure in the cup and tank is then used to extract all the waste engine oil from the engine into the storage tank. As a commonly used piece of equipment in automotive maintenance, the oil extractor can effectively improve work efficiency and reduce maintenance costs. Additionally, it helps to reduce the discharge of waste oil, thereby lowering environmental pollution.

Rapid Vacuum Oil Extraction Technology: Utilizes compressed air and a vacuum pump to complete the oil extraction process in just 3 minutes.

80L Large Capacity Oil Extraction Tank: Features a 1.5mm thick explosion-proof body, allowing for greater oil storage capacity with a durable, leak-proof seal.

Large Oil Drain Pan: Diameter of 41 cm, providing ample space to collect oil and prevent spills during operation.

Adjustable Lifting Rod: Height adjustable up to 1.5 meters to ensure proper alignment of the oil collection pan with the vehicle's underside, reducing the risk of oil leakage.

Transparent Glass Oil Level Gauge: Allows clear observation of oil quality and precise measurement of recovered oil volume, made from explosion-proof tempered glass with high strength and resistance to corrosion, high temperatures, and oxidation.

Oil Level Sight Window: Allows easy observation of the amount of waste oil recovered to ensure thorough removal and prevent residue inside the tank.

Wide Application Range: Includes 5 different diameters of corrosion-resistant oil suction hoses to suit various vehicle interfaces.

Visual Pressure Gauge: Monitors changes in vacuum pressure during the extraction process and determines extraction time based on pressure values.

External Three-Layer Storage Drawer Space: Conveniently stores and accesses various disassembly tools.

Integrated Tool Cart Design: Features 360° swivel casters with locking devices, providing strong load-bearing capability and ease of movement in various environments.



Large-size Oil Pan



Adjustable Height



Explosion-proof Measuring Cup



Vacuum Extraction Tech



Thickened Tank Construction

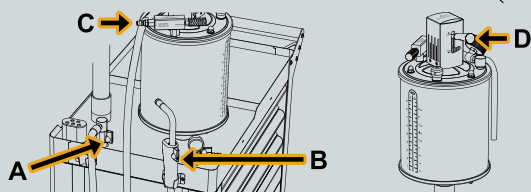


360° Swivel Casters

QUICK GUIDE

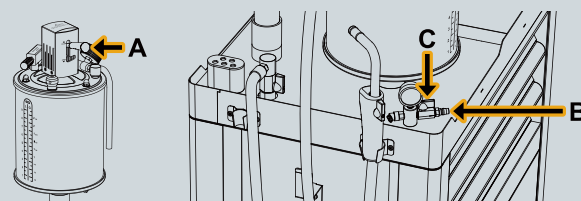
PREPARATION BEFORE OIL EXTRACTION

1. Close the oil drain valve (A) and the oil extraction valve (B).
2. Connect a regulated air supply of 0.3–0.8 MPa to the measuring cup air inlet (C). Start vacuum generation. The negative pressure gauge pointer should rise to the rated vacuum range of 0.06 to 0.08 MPa.
3. Close the measuring cup shut-off valve (D) and prepare for oil extraction.
4. Open the oil extraction valve (B) and begin the oil extraction process.



PREPARATION BEFORE DRAINING OIL

1. Close the measuring cup shut-off valve (A) before draining oil.
2. Connect the regulated air supply (0.3–0.8 MPa) to the tank air inlet (B).
3. Open the tank's oil drain valve (C) and start draining oil.



Tank Capacity	80L	Vacuum Level	0–65 cmHg
Air Source Pressure	6–8 bar	Measuring Cup Capacity	12L
Oil Drain Pressure	0.6–0.8 bar	Oil Drain Pan Capacity	20L
Air Consumption	150L/Min	Operating Oil Temperature	40–80°C

OD760

PNEUMATIC OIL DRAINER & EXTRACTOR



61-PIECE SET (TOOL LIST DETAILS)

SPECIFICATIONS OF OIL EXTRACTION HOSES

- ❶ Ø5 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 1.9L/Min

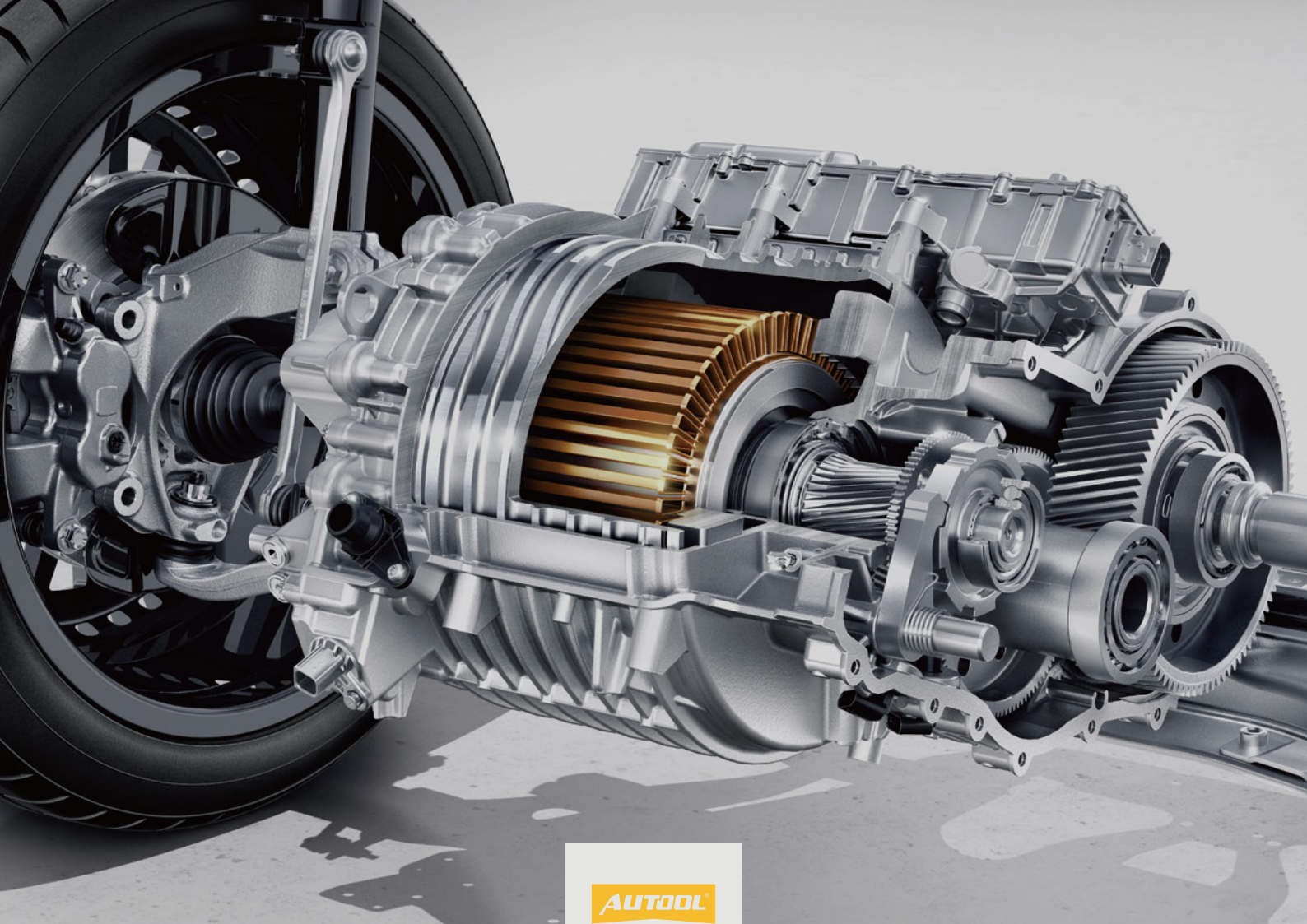
❸ Ø5 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 1.0L/Min

❺ Ø8 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 6.5L/Min
- ❷ Ø6 x L700mm (Cu, 1 PCS): Oil Extraction Speed: 3.7L/Min

❹ Ø6 x L700mm (Pvc, 1 PCS): Oil Extraction Speed: 2.0L/Min



Product Code	Size (mm)	Quantity	Product Code	Size (mm)	Quantity
AB5601	86.3	1pc	905	73	1pc
909	92-93	1pc	901-C	64-65	1pc
910	93-94	1pc	903-3	73-74	1pc
914	101	1pc	903-6	77	1pc
106-L	106-107	1pc	903	73-74	1pc
915	91-92	1pc	902-2	84	1pc
902-L	95-85	1pc	809	89	1pc
908	90-91	1pc	902	66-67	1pc
105	105	1pc	903-4	72-73	1pc
907	88-89	1pc	905-1	74-75	1pc
27/6	27	1pc	903-1	75-76	1pc
32/6	32	1pc	904	78-79	1pc
36/6	36	1pc	911	80	1pc
L-shaped Extension Rod	—	1pc	911-1	79-80	1pc
Long Extension Rod	—	1pc	Long Extension Rod	—	1pc
Short Extension Rod	—	1pc	Short Extension Rod	—	1pc
Oil Filter Wrench	75-85	1pc	Sliding Rod	—	1pc
Oil Filter Wrench	55-75	1pc	Hexagonal Bit	8, 9, 10, 12, 13, 14, 17	7pcs
Wrench	23	1pc	Square Bit	3/8, 5/16, 7, 8, 10, 11, 12, 13, 14	9pcs
901	64-65	1pc	Hexagonal Star Bit	T45	1pc
901-L	64-65	1pc	12-point Torx Bit	16	1pc
906	86	1pc	Tri-Wing Bit	10	1pc
901-1	86-87	1pc	Double-sided Socket	10	1pc
903-2	74	1pc			



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



TRANSMISSION FLUID EXCHANGER

The AUTOOL Automatic Transmission Fluid Exchanger series is primarily designed for exchanging transmission fluid in automobiles. It recovers & measures the used fluid while simultaneously filling the same amount of new fluid into the vehicle. This process is completed rapidly and automatically, enhancing efficiency and work quality during fluid exchange. Additionally, it reduces damage and contamination associated with manual operation, serving as a equipment to maintain consistent fluid levels during automatic transmission fluid exchange in vehicles.

ATF802

70

ATF805

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ATF802

AUTO ATF EXCHANGER



The AUTOOL ATF802 Auto ATF Exchanger supports automatic filling of cleaning fluid for circulating flushing, providing thorough flushing and maintenance of the transmission. High-precision equal-volume control ensures reliable transmission flushing and oil exchange without disassembly. Intelligent control and automatic operation improve work efficiency and oil exchange quality, while avoiding incomplete manual oil exchange and potential mechanical damage.

Automatic Oil Inlet/Outlet Direction Recognition: Automatically and intelligently switches the automatic transmission's oil flow direction without requiring operator judgment.

Auto Filling of Cleaning Fluid: The equipment features a dedicated cleaning fluid container, enabling automatic filling of the cleaning fluid.

Automatic Circulating Flushing: Fills cleaning fluid to perform circulating flushing of the automatic transmission, removing internal impurities, improving transmission performance, and extending its service life.

Automatic New & Old Oil Exchange: Automatically completes high-precision equal-volume flushing and oil exchange for the transmission, torque converter, and transmission cooler within 15 minutes, with an exchange rate close to 100%.

Intelligent Electronic Control Equal-Volume Exchange: Achieves high-precision equal-volume exchange of new and old oil, with equal-volume precision control ensuring reliable exchange quality for automatic transmissions.

Automatic Oil Filling and Recovery: Automatically fills and recovers oil in the transmission, making it convenient to adjust the transmission fluid level.

Intuitive Oil Pressure Display: Equipped with dual pressure gauges, it displays the real-time inlet/outlet oil pressure of the transmission system, allowing operators to easily monitor the working status.

LCD Display & User-Friendly Operation: Features a 5-inch IPS color HD display with UI operation guidance, offering convenient and easy-to-use button controls.

Built-in Database: With a built-in database of over 15,000 vehicle models' automatic transmission, it allows for precise model selection and fast oil exchange without the need to consult repair manuals. The database supports USB upgrades and updates.

Pipe Self-Flushing: Equipped with dual oil pumps to prevent mixing of new and old oil. One-click automatic flushing of the machine's oil lines using new oil, preventing oil mixing and cross-contamination.

Wide Vehicle Compatibility: Equipped with various specialized connectors, suitable for different vehicle models from Europe, the Americas, Asia, and other regions.

Circulating Flushing
Equal Volume Exchange
Cleaning Fluid Bottle
Number of Oil Pumps
New Oil Tank Filling
Database
Printing
Filter Replacement Reminder
Pressure Gauge
Temperature Gauge
Fluid Sight Glass
Data Upgrade

Filtered Flushing + Chemical Flushing
Intelligent
Yes
2
Manual + Automatic
Supported
None
Yes
Mechanical
Electronic
New and Old Oil Sight Glasses
Supported



Circulating
Flushing



Pipe
Self-Flushing



New/Old Oil
Sight Glasses



Auto Oil Inlet/Outlet
Hose Recognition

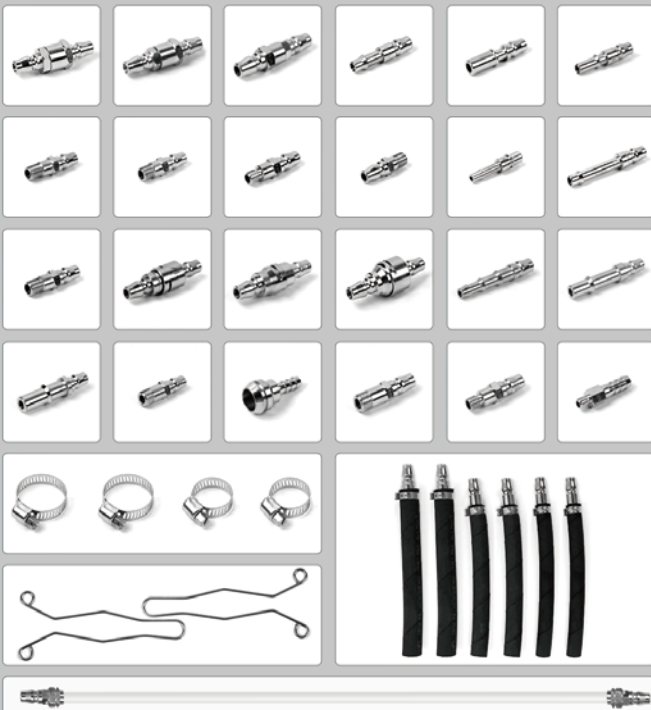


Built-in
Database



Pressure
Display

Accessories



Power Supply	AC 110~220V	Oil Tank Volume	20L
Maximum Power (Single Motor)	≤150W	Display Screen	5-inch
Pressure Gauge	10kg/cm ²	Equal Volume Exchange Error	<0.2kg
Oil Outlet Hose	2.5m	Relative Humidity	<85%
Oil Return Hose	2.5m	Noise	<70db

ATF802

AUTO ATF EXCHANGER



AUTO ATF EXCHANGER



Circulating Flushing
Equal Volume Exchange
Cleaning Fluid Bottle
Number of Oil Pumps
New Oil Tank Filling
Database
Printing
Filter Replacement Reminder
Pressure Gauge
Temperature Gauge
Data Upgrade
Fluid Sight Glass

Filtered Flushing + Chemical Flushing
Fully Intelligent, High Precision
Yes
2
Manual + Automatic
Supported
Supported
Yes
Electronic
Electronic
Supported
New and Old Oil +
Initial Old Oil Sampling Sight Glasses



Fully Auto
Circulating Flushing
& Exchange



Pipe
Self-Flushing



Auto Oil Inlet/Outlet
Hose Recognition



Built-in
Database



Fluid Heating
Function



Old Oil Sampling
Sight Glass

The AUTOOL ATF805 Automatic Transmission Fluid Exchanger supports fully automatic circulating flushing and oil replacement. It features a three-sight-glass design – including an old oil sampling window and new/old oil circulation windows – allowing for a more intuitive visual comparison throughout the oil exchange process. With a built-in database of over 15,000 vehicle models, the ATF805 enables precise and efficient fluid exchange without the need to consult repair manuals. It also includes an integrated printer for one-click printing of service data. The high-precision electronic control system continuously monitors oil pressure, temperature, and volume in real time, ensuring accurate and consistent equal-volume exchange.

Automatic Oil Inlet/Outlet Direction Recognition: Automatically and intelligently switches the automatic transmission's oil flow direction without requiring operator judgment.

Fully Auto Circulating Flushing & Exchange: Completes the flushing and exchange in one step, simplifying the process for efficiency and reliability.

Smart Electronic Control Equal-Volume Exchange: High-precision sensors monitor oil temperature, pressure, and volume in real time, ensuring precise equal-volume exchange of new and old oil. With multi-dimensional high-precision control, it guarantees the quality of old and new oil exchange for automatic transmissions.

Automatic Oil Filling and Recovery: Automatically fills and recovers oil in the transmission, making it convenient to adjust the transmission fluid level.

Key Parameter Display: High-precision sensors enable digital presentation of oil temperature, pressure, and volume, making it easier to read and allowing operators to monitor the working status in real time.

HD Color Display & User-Friendly Operation: Features a 7-inch IPS color HD display with UI operation guidance, offering convenient and easy-to-use button controls.

Built-in Database: With a built-in database of over 15,000 vehicle models' automatic transmission, it allows for precise model selection and fast oil exchange without the need to consult repair manuals. The database supports USB upgrades and updates.

Built-in Printer: One-click printing of operation results to meet the need for oil exchange certification.

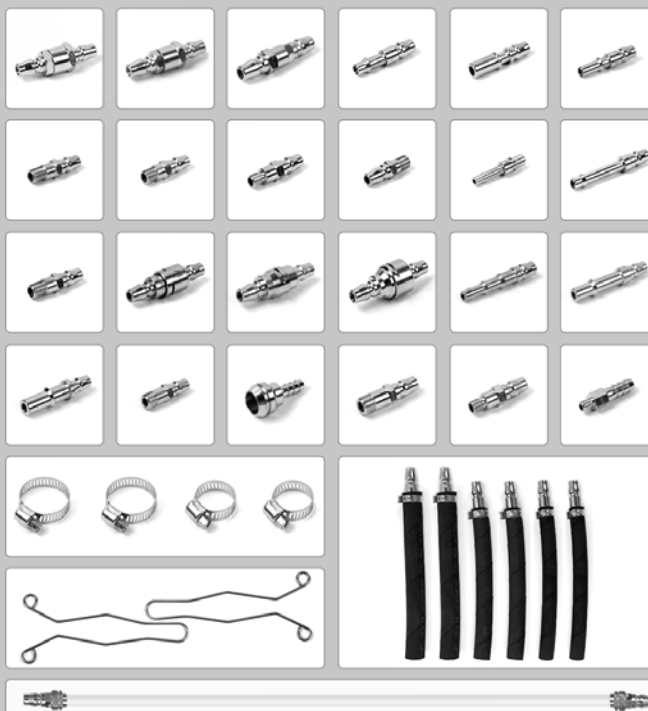
Pipe Self-Flushing: Equipped with dual oil pumps to prevent mixing of new and old oil. One-click automatic flushing of the machine's oil lines using new oil, preventing oil mixing and cross-contamination.

Oil Filter Replacement Reminder: Built-in operation statistics automatically remind when it's time to replace the filter, ensuring optimal fluid filtration.

Provides new fluid heating function with temperature control protection, adjustable from 30-60°C.

Wide Vehicle Compatibility: Equipped with various specialized connectors, suitable for different vehicle models from Europe, the Americas, Asia, and other regions.

Accessories



Power Supply	AC 110-220V	Oil Tank Volume	25L
Maximum Power (Single Motor)	≤150W	Display Screen	7-inch
Oil Outlet Hose	2.5m	Equal Volume Exchange Error	<0.2kg
Oil Return Hose	2.5m	Noise	<70db



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



MAINTENANCE TOOL STORAGE SERIES

AUTOOL's maintenance tool storage series are designed to help you organize your cluttered tools, optimize space utilization, and easily locate necessary items, thereby enhancing the tidiness of your workshop.

S1	73	T31 / T32 / T33	77
S2	74	T22 / T23 / T25 / T26 / T27	78
S3	75	T43	79-80
T20 / T21	76		



S1

AUTOTOL

QUICK DIAGNOSTIC & REPAIR KIT

The quick diagnostic & repair kit is designed for various scenarios and needs, enabling users to quickly perform vehicle inspections and maintenance.

73

S1

QUICK DIAGNOSTIC & REPAIR KIT



The Side Drawer:

SVB305 Articulating Video Borescope*1
USB Charging Cable*1



The First Drawer:

SPT301 Spark Plug Tester*1
Power Adapter*1
DM303 Auto Diagnostic Multimeter*1
Test Leads*2
Multifunctional Test Cable*1
Automotive Circuit Test Cable*1
Ignition Pulse Signal Test Cable*1
Battery Clamp Cable*1
Adapter Cable Kit*3

The First Drawer

The Second Drawer

The Third Drawer

The Fourth Drawer



The Third Drawer:

AS502 Brake Fluid Tester*1
TM101 Thermo-Hygrometer*1
TN201 Digital Sound Level Meter*1
TE301 Digital Light Meter*1
TR401 Digital Anemometer*1
AAA Batteries*12



The Second Drawer:

AS503 Engine Oil Quality Tester*1
AS505 Transmission Fluid Tester*1
AS507 Power Steering Fluid Tester*1



The Fourth Drawer:

RE110 Remote Key Frequency Tester*1
Brake Pad Thickness Gauge*1
Tyre Tread Depth Gauge*1
Freezing Point Tester*1
BT460 Battery System Tester*1
Battery Clamp Cable*1



S2

AUTOL

74

S2

PRESSURE TESTING KIT

PRESSURE TESTING KIT

The pressure testing kit is designed for various scenarios and needs, enabling users to quickly perform vehicle inspections and maintenance.

The First Drawer

The Second Drawer

The Third Drawer

The Fourth Drawer



The First Drawer:

PT620 Oil Pressure Gauge Kit*1
Right-Angle Quick Connector*1
ZG 1/8-28 Adapter*1
NPT-3/8-18 Adapter*1
NPT-1/8-27 Adapter*1
NPT-1/4-18 Adapter*1
1/2-20UNF Adapter*1
3/8-24UNF Adapter*1
M18x1.5 Adapter*1
M16x1.5 Adapter*1

M16x1.25 Adapter*1
M14x1.5 Adapter*1
M14x1.25 Adapter*1
M12x1.75 Adapter*1
M12x1.5 Adapter*1
M12x1.25 Adapter*1
M10x1.25 Adapter*1
M10x1.0 Adapter*1
AAA Batteries*2



The Third Drawer:

PT610 Cylinder Pressure Gauge*1
Extended Rod with Safety Lock*1
Rubber Extended Rod with Safety Lock*1
Curved Test Rod with Conical Tip*1
Straight Test Rod with Conical Tip*1
M18x1.5 Adapter*1

M16x1.5 Adapter*1
M14x1.25 Adapter*1
M12x1.25 Adapter*1
M10x1.0 Adapter*1
AAA Batteries*2



The Second Drawer:

PT630 Fuel Pressure Gauge*1
M10x1.0 (M12x1.5) Adapter*1
M8x1.0 (M12x1.5) Adapter*1
M12x1.5 (1/4"-19) Adapter*1
M14x1.5-M12x1.5 Adapter*1
M12x1.5-M8x1.0 Adapter*1
M12x1.25-M8x1.0 Adapter*1
D15.45x9.49 Hose*1
D14x7.89 Hose*1

D9.49, 1/4" Female Thread Adapters*2
D7.89, 1/4" Female Thread Adapters*2
M14x1.5, 1/4"-19 Male Thread Adapter*1
1/4"-19 Male Thread Adapter*3
1/4"-19 Male Thread, 5/16" Adapter*1
M6x1.0, 1/4"-19 Male Thread Adapter*1
AAA Batteries*2
1/4" Female Thread (1/4"-19) Male Thread Adapter*1



The Fourth Drawer:

PT530 Digital Manometer*1
Hoses*5
Conical Adapter (4-12mm)*1
AAA Batteries*2
Conical Adapter (8-20mm)*1
Threaded Adapter (20mm)*1

Threaded Adapter (16mm)*1
Threaded Adapter (9mm)*1
Threaded Adapter (8mm)*1
Threaded Adapter (6mm)*1
PT670 Digital Exhaust Back Pressure Gauge*1



S3

AUTODOL

The refrigerant testing kit is designed for various scenarios and needs, enabling users to quickly perform vehicle inspections and maintenance.

75

S3

REFRIGERANT TESTING KIT

REFRIGERANT TESTING KIT

The First Drawer

The Second Drawer

The Third Drawer



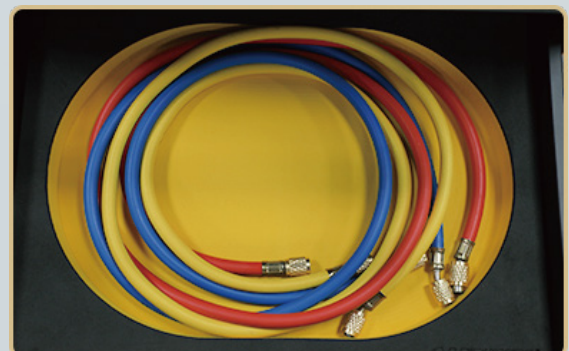
The First Drawer:

LM160 Smart Digital Manifold Kit*1
Quick Connectors*2
Temperature Clamps*2



The Second Drawer:

LM100 Smart Digital Vacuum Gauge*1
LM55 Digital Temp Clamp*1
TP101 Auto A/C Thermometer*1
AAA Batteries*3



The Third Drawer:

Refrigerant Hoses*3



T20 / T21

AUTOTOL

76

T20 / T21

AUTOMOTIVE SERVICE CART

AUTOMOTIVE SERVICE CART

AUTOTOL T20/T21 Automotive Service Cart is a mobile maintenance tool cart that combines efficient storage, easy mobility, and exceptional durability. It is designed to enhance automotive repair efficiency, featuring a high-quality, high-strength cold-rolled steel plate body with a powder-coated finish that offers outstanding resistance to deformation and corrosion.



T20
(For Brake Fluid Bleeder)



T21
(For Fuel Injector Cleaner & Tester)



Modular Layered Storage



Large Capacity Drawer



Corrosion-resistant Body



Thickened Cold-rolled Steel Plate



360° Swivel Casters



Easy-assembly Design

Modular Layered Storage: Tool placement is clear at a glance. The reinforced upper work platform can securely hold various repair and testing equipment, while the sturdy base can support heavy equipment like vehicle batteries.

Large Capacity Storage Drawer: With a closed design, it easily accommodates wrenches, sockets, power tools, and other repair tools to meet diverse storage needs.

High-strength Cold-rolled Steel: Crafted from thickened SPCC cold-rolled steel, featuring high material density and excellent impact resistance. It is durable and resistant to dents.

The body surface is treated with a powder coating, offering excellent rust and corrosion resistance, easily handling harsh environments like auto repair oil stain and factory acids and alkalis, etc.

Equipped with 360 ° swivel casters for smooth movement and easy steering. The casters feature a convenient locking mechanism, allowing secure positioning with a simple press.

Easy-assembly Design: Say goodbye to complicated installation steps with a design that requires no complex tools, allowing for quick and easy assembly.

Model	T20	T21
Weight	22.5kg	30.2kg
Dimensions	520x670x1000mm	580x780x1000mm
Material	Cold-rolled Steel Plate	
Plate Thickness	Bottom plate 2.0mm, Plate layer 1.2mm, Column 1.5mm	
Load Bearing	≤100kg	



AUTOMOTIVE SERVICE CART

AUTOTOL T31/T32/T33 Automotive Service Cart is a mobile tool storage device specifically designed for maintenance, assembly, and on-site operations. It combines tool classification, easy access, and efficient mobility in one unit. Suitable for environments such as factory workshops, repair stations, laboratories, and warehouses, it helps users maintain a tidy workspace and improve operational efficiency.

**T31****T32****T33**

Adjustable
Layer
Height



Magnetic
Plate
Design



Corrosion-
resistant
Body



Thickened
Cold-rolled
Steel Plate



360°
Swivel
Casters



Easy-
assembly
Design

Sturdy and Durable: Made from high-strength cold-rolled steel plate, rust and corrosion-resistant, with strong load-bearing capacity for long-lasting durability.

Magnetic Plate Design: Equipped with an SUS304 mirror surface magnetic plate with a magnetic force of up to 2000g, facilitating quick storage and also serving as a writing board.

Easy to Clean: The perforated design of the layers allows for quick cleaning without needing to flip the cart, making it easy to remove dirt.

User-friendly Design: The workbench features a grooved design to prevent camshafts, drive shafts, connecting rods, etc., from rolling during movement. The ergonomic handle offers a comfortable grip.

4-inch Silent Casters: Equipped with 4-inch silent casters (2 swivel casters with brakes, 2 fixed casters), ensuring smooth movement and stable parking.

Model	T31	T32	T33
Product Weight	16.5kg	19kg	24kg
Layers	2 Layers	3 Layers	
Tray Load Capacity	Top Layer (100 kg), Bottom Layer (50 kg)		Top Layer (100 kg), Middle Layer (50 kg), Bottom Layer (50 kg)
Material	Cold-rolled Steel Plate		
Casters	4-inch Rubber Casters		
Type	Push-type		
Plate Thickness	0.6-2.0 mm		
Magnetic Plate	SUS304 Mirror Surface + SUS201		
Magnets	35 pcs (N50)		
Magnetic Force	2000g		
Product Dimensions	Length 750 x Width 450 x Height 900 mm		



The AUTOOL Rolling Utility Cart is a versatile, specialized cart designed to store automotive diagnostic computers, programming power supplies, spare parts, and batteries in one unit. It helps you optimize space and quickly organize essential equipment, making the workstations more tidy and efficient.



T22



Modular Layered Storage



Thickened Cold-rolled Steel Plate



Corrosion-resistant Body



360° Swivel Casters

T23



Modular Layered Storage



Thickened Cold-rolled Steel Plate



Code Lock Protection



360° Rotating Stand

T25



Modular Layered Storage



Thickened Cold-rolled Steel Plate



Corrosion-resistant Body



Code Lock Protection

T26



Modular Layered Storage



Thickened Cold-rolled Steel Plate



Corrosion-resistant Body



Easy-assembly Design

T27



Spacious Storage



Excellent Weight Support



Easy-assembly Design



360° Swivel Casters

Modular Layered Storage: Utilizes a modular, layered structure specifically tailored for electronic devices and automotive components. It can hold laptops, programmable power supplies, professional tools, vehicle batteries and more.

High-strength Cold-rolled Steel: Crafted from thickened SPCC cold-rolled steel, featuring high material density and excellent impact resistance. It is durable and resistant to dents.

The body surface is treated with a powder coating, offering excellent rust and corrosion resistance, easily handling harsh environments like auto repair oil stain and factory acids and alkalis, etc.

Equipped with 360 ° swivel casters for smooth movement and easy steering. The casters feature a convenient locking mechanism, allowing secure positioning with a simple press.

Easy-assembly Design: Say goodbye to complicated installation steps with a design that requires no complex tools, allowing for quick and easy assembly.

Model	T22	T23	T25	T26	T27
Weight	24.5kg	24.9kg	32.05kg	36kg	39kg
Dimensions	530x740x1020mm	530x740x1020mm	548x766x1040mm	530x750x1005mm	530x750x1000mm
Material	Cold-rolled Steel Plate				
Plate Thickness	Bottom plate 2.0mm, Plate layer 1.2mm, Column 1.5mm				
Load Capacity	≤100kg				



T43

AUTOOL

SERVICE TOOL STORAGE CABINET

AUTOOL's Service Tool Storage Cabinet is designed to help you organize your cluttered tools, optimize space utilization, and easily locate necessary items, thereby enhancing the tidiness of your workshop.

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T43

SERVICE TOOL STORAGE CABINET



Multi-layer
Storage Design



Sturdy &
Durable



Rust & Corrosion
Resistant



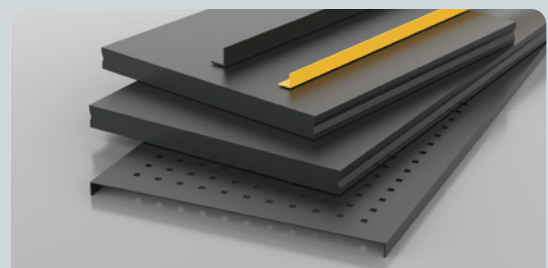
Strong Load-bearing
Capacity



Tiered-storage Design



Pegboard Organizer



High-quality Material



T43

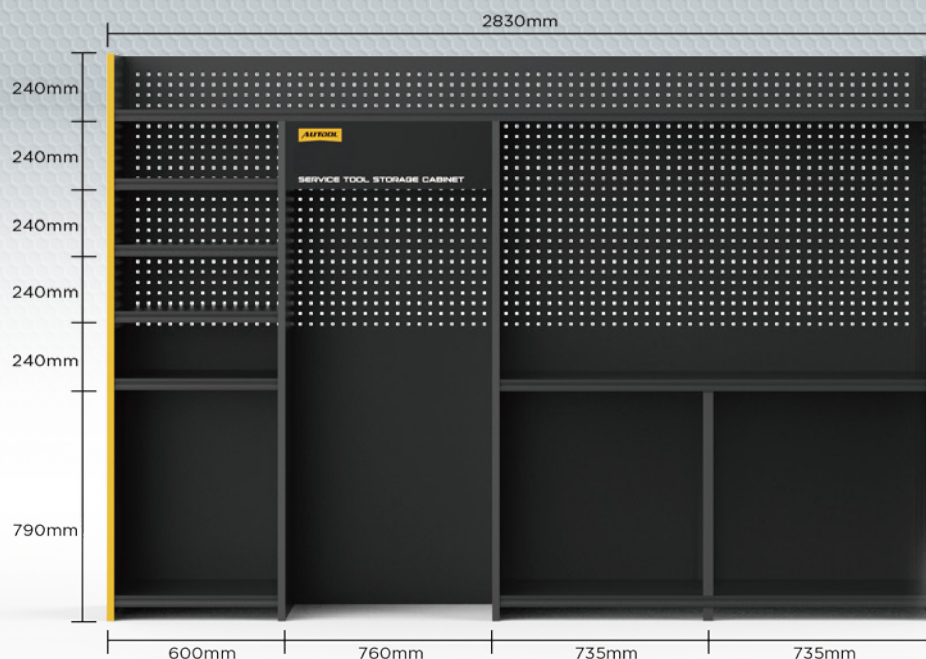
AUTOOL

80

T43

SERVICE TOOL STORAGE CABINET

SERVICE TOOL STORAGE CABINET





AUTOTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS

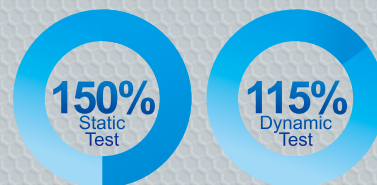


LIFTING EQUIPMENT

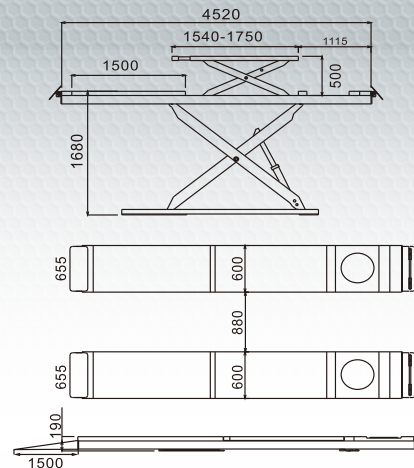
ATL-4SHU	82	ATL-4.5C	87
ATL-4SH	83	ATL-4D	88
ATL-4S	84	ATL-4.5D / ATL-4.5DW	89
ATL-3.6SU	85	ATL-4.5DA	90
ATL-4SM / ATL-3SM	86	ATL-4.5F	91



ULTRA-LOW TWIN SCISSOR (MAIN & AUXILIARY) LIFT FOR WHEEL ALIGNMENT



EU Testing Standards



Brand new high-strength alloy auxiliary arm, 3D dynamic simulation design, smooth descent under full load.



Standard with single-side extendable secondary scissor lift



Optional dual-side extendable secondary scissor lift



Italian valves, copper-core motor



Precision laser cutting technology



Solid-core steel X-frame with pneumatic mechanical safety lock



Imported Japanese/Italian seals

Ultra-low twin scissor (main & auxiliary) lift structure, with a thickness of only 190mm when lowered.

Designed and manufactured with Italian technology.

Six-cylinder design for the entire system, hydraulic synchronization with dual hydraulic systems, wave pressure lock, and triple mechanical safety devices; automatic unlocking during descent.

The X-frame is made of premium alloy steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Retractable secondary lifting platform.

All pivot points are fitted with wear-resistant bearings. High-molecular wear-resistant sliders.

Infrared level detection and foot protection device during descent (optional).

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

24V safety control circuit.

Japanese seals, Italian ball valves.

Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

Primary Lifting Capacity	Auxiliary Lifting Capacity	Initial Height	Primary Lifting Height	Auxiliary Lifting Height	Primary Platform Length	Auxiliary Platform Length	Auxiliary Platform Width	Motor Power	Air Source Pressure
4000kg	4000kg	190mm	1680mm	500mm	4520mm	1540-1750mm	600mm	380V / 220V / Others 3KW	0.4-0.6Mpa



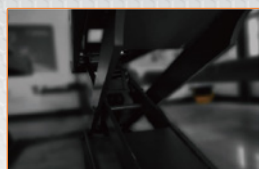
FOUR-WHEEL ALIGNMENT TWIN SCISSOR (MAIN & AUXILIARY) LIFT



EU Testing Standards



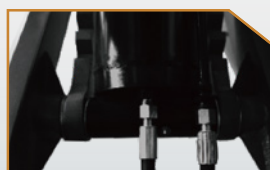
Embedded welding for enhanced durability



Thickened solid-core steel X-frame



Integrated secondary lifting support plate



Oil hose burst protection device



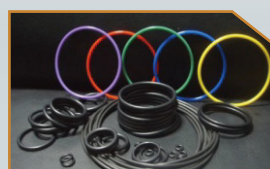
Italian valves, copper-core motor



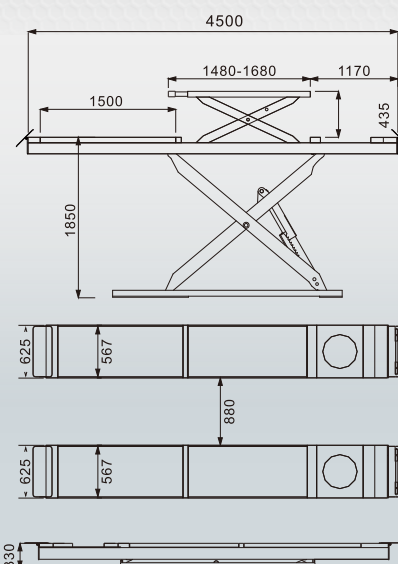
Precision laser cutting technology



High-strength, high-precision integrated non-welded triple-tooth safety lock mechanism



Imported Japanese/Italian seals



Designed and manufactured with Italian technology.

Hydraulic synchronization, hydraulic lock, and dual mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Fitted with Japanese and Italian seals, Italian ball valves, and a hydraulic burst protection system.

Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

The X-frame is made of premium steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Retractable secondary lifting platform (optional).

All pivot points are fitted with wear-resistant bearings. High-molecular wear-resistant sliders.

Infrared level detection and foot protection device during descent (optional).

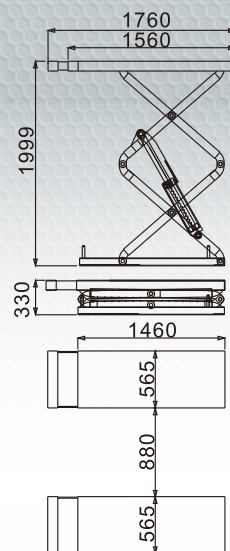
Primary Lifting Capacity	Auxiliary Lifting Capacity	Primary Lifting Height	Auxiliary Lifting Height	Primary Platform Length	Primary Platform Width	Auxiliary Platform Length	Auxiliary Platform Width	Motor Power	Air Source Pressure
4000kg	4000kg	1850mm	500mm	4500mm	610mm	1480-1680mm	570mm	380V / 220V / Others 3KW	0.4-0.6Mpa



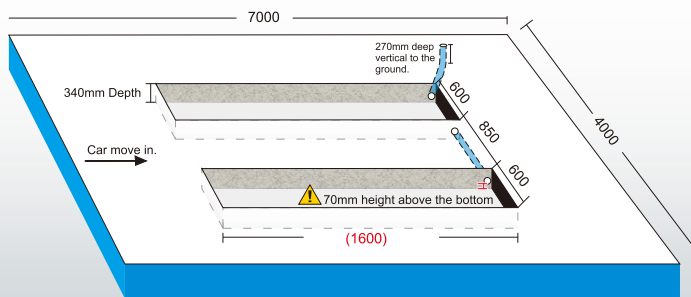
SMALL PLATFORM SCISSOR LIFT (SQUARE TUBE TYPE)



EU Testing Standards



Optional SUV supporting tool



Single-side extension



High-strength, high-precision integrated non-welded mechanical safety ratchet



Italian valves, copper-core motor



Precision laser cutting technology



Oil hose burst protection device



Imported Japanese/Italian seals

Designed and manufactured with Italian technology.

Hydraulic synchronization, hydraulic lock, and dual mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Equipped with Japanese/Italian seals, Italian ball valves, and a hydraulic burst protection device.

Adjustable platform length.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

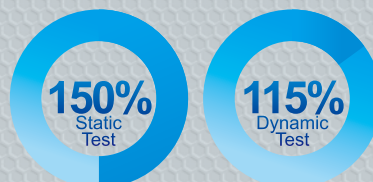
All pivot points are fitted with wear-resistant bearings.

Infrared level detection and foot protection device during descent (optional).

Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
4000kg	1999mm	1560-1760mm	565mm	330mm	380V / 220V / Others 3KW	0.4~0.6Mpa



HEAVY-DUTY ULTRA-LOW SMALL PLATFORM SCISSOR LIFT



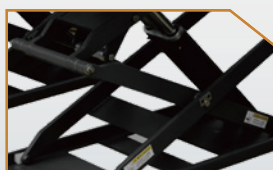
EU Testing Standards



Brand new high-strength alloy assist arm, 3D dynamic simulation design, smooth descent under full load.



The vehicle guide ramp can be used as an extension plate.



Seamless, integrated one-piece base plate



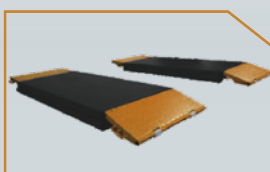
Oil hose burst protection device



Italian valves, copper-core motor



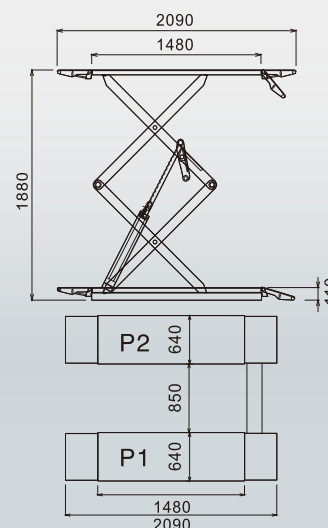
Solid-core steel X-frame, pneumatic mechanical safety lock



110mm initial height



Imported Japanese/Italian seals



Ultra-thin structure, with a thickness of only 110mm when descended.

Designed and manufactured with Italian technology.

Hydraulic synchronization with dual hydraulic systems, hydraulic lock, and triple mechanical safety devices; automatic unlocking during descent.

24V safety control circuit.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Equipped with Japanese/Italian seals, Italian ball valves, and a hydraulic burst protection device.

Laser and CNC equipment cutting for precise dimensions, smooth edges, and high surface finish.

The X-frame is made of premium alloy steel, laser-cut from solid-core steel plate; offering high strength, corrosion resistance, and resistance to deformation.

The supporting guide ramp can accommodate a wider range of long wheelbase vehicles.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

All pivot points are fitted with wear-resistant bearings.

Infrared level detection and foot protection device during descent (optional).

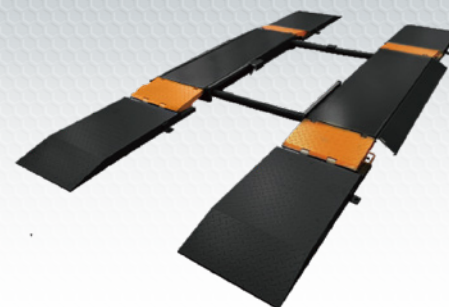
Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
3600kg	1880mm	1480-2090mm	630mm	110mm	380V / 220V / Others 3KW	0.4-0.6Mpa



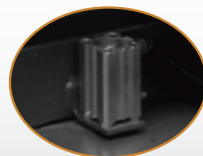
LOW-PROFILE MOBILE SCISSOR LIFT



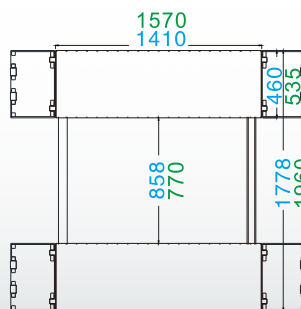
EU Testing Standards



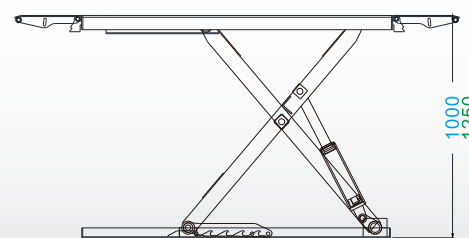
Optional vehicle ramp specifically designed for sports cars



Pneumatic unlocking (default) /
Electric unlocking (optional)



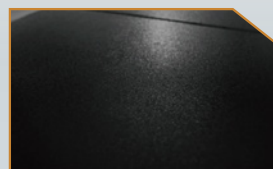
■ ATL-3SM



■ ATL-4SM



Movable approach ramps used as an extension plate



Shot blasting and powder-coated surface



Movable design for added convenience



Thicker oil cylinder



Safety lock



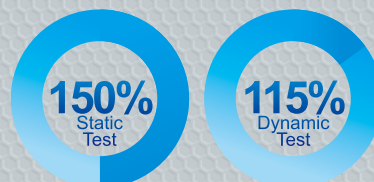
Imported Japanese/Italian seals

Can be directly installed on the ground, with an initial height of 105mm.
The mechanical lock device automatically locks during ascent and pneumatically unlocks during descent, ensuring safety and reliability.
All movable joints are equipped with self-lubricating bearings, and regular maintenance will extend service life.
The approach ramps can accommodate a wider range of long wheelbase vehicles.
The central connecting rod ensures stability and synchronization.

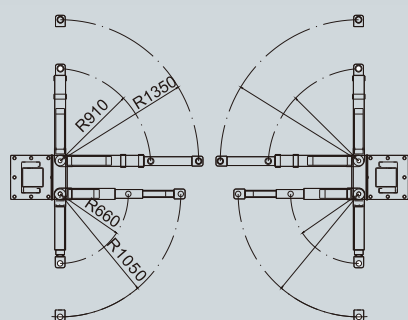
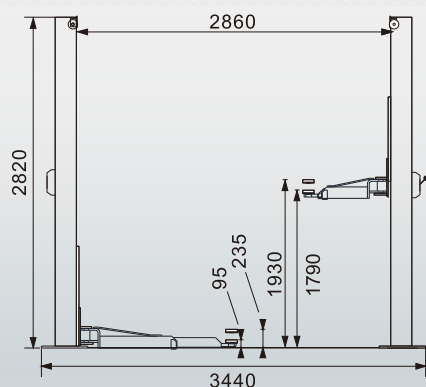
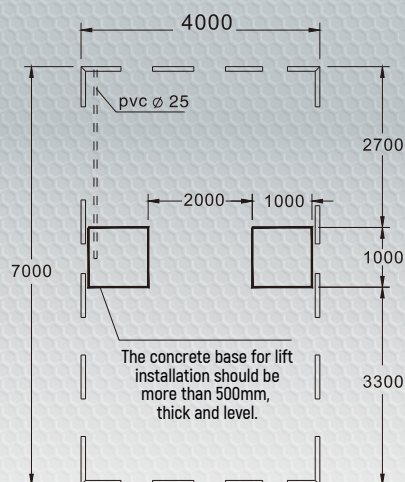
Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Source Pressure
ATL-4SM	4000kg	1250mm	1570~2175mm	535mm	105mm	380V / 220V / Others 3KW	0.4~0.6Mpa
ATL-3SM	3000kg	1000mm	1410~2010mm	460mm	105mm	380V / 220V / Others 3KW	0.4~0.6Mpa



MANUAL UNLOCK TWO-POST LIFT (EU STANDARD)



EU Testing Standards



Standard with three-stage screw pads and height extension sleeve



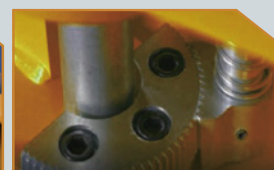
Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Laser-cut steel plate with precise dimensions and a smooth appearance.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese/Italian seals.

Dual-cylinder direct drive with wire rope balance system.

High-molecular wear-resistant sliders.

Manual single-side unlocking safety mechanism with gear-type arm locking device; multi-level safety design for enhanced protection.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	95mm	1930mm	50s	30s	2820mm	2860mm	3440mm	380V / 220V / Others 2.2KW



STANDARD GANTRY LIFT

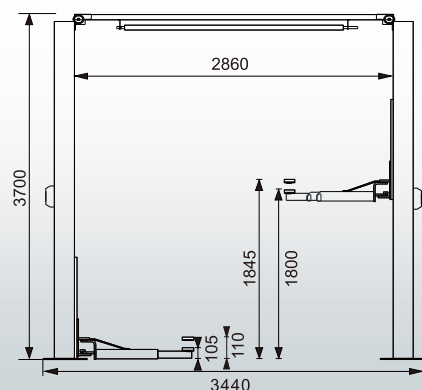
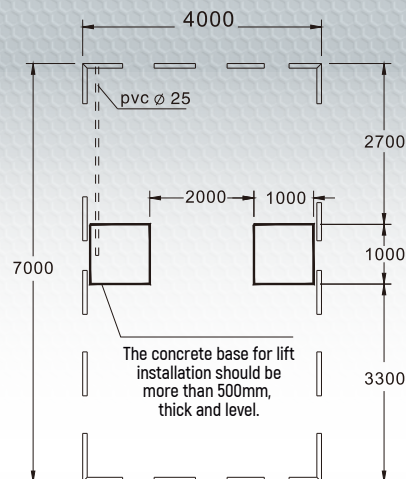


EU Testing Standards

Single-side control, simultaneously unlocking locks on both columns without needing to operate both columns at the same time, reducing workload and avoiding the risk of vehicle tilting when unlocking one side while the other locks.



More stable hook-type safety lock to prevent slippage caused by slider wear.



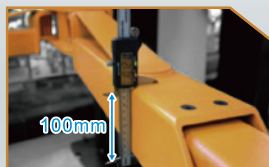
Optional: EU-standard 5.5T Lifting Arms



Three-stage screw pads and height extension sleeve



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



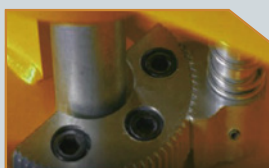
100mm



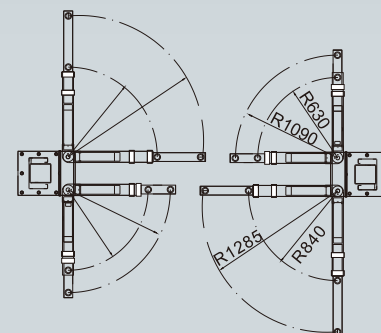
Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly



Laser-cut steel plate with precise dimensions and a smooth appearance.

Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese/Italian seals.

Dual-cylinder direct drive with wire rope balance system.

High-molecular wear-resistant sliders.

Single-side control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	105mm	1845mm	50s	30s	3700mm	2860mm	3440mm	380V / 220V / Others 2.2KW



EU STANDARD GANTRY LIFT

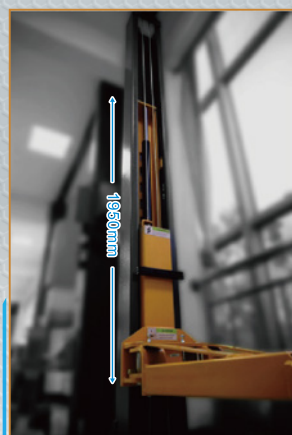


EU Testing Standards

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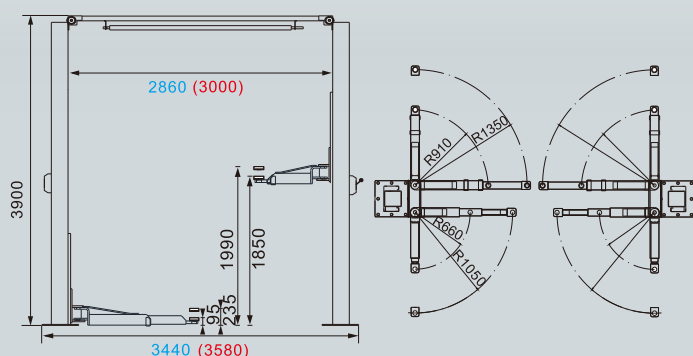
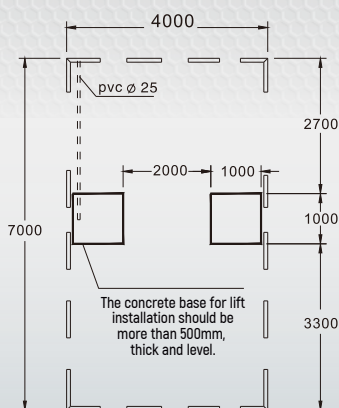
ATL-4.5D / ATL-4.5DW

EU STANDARD GANTRY LIFT



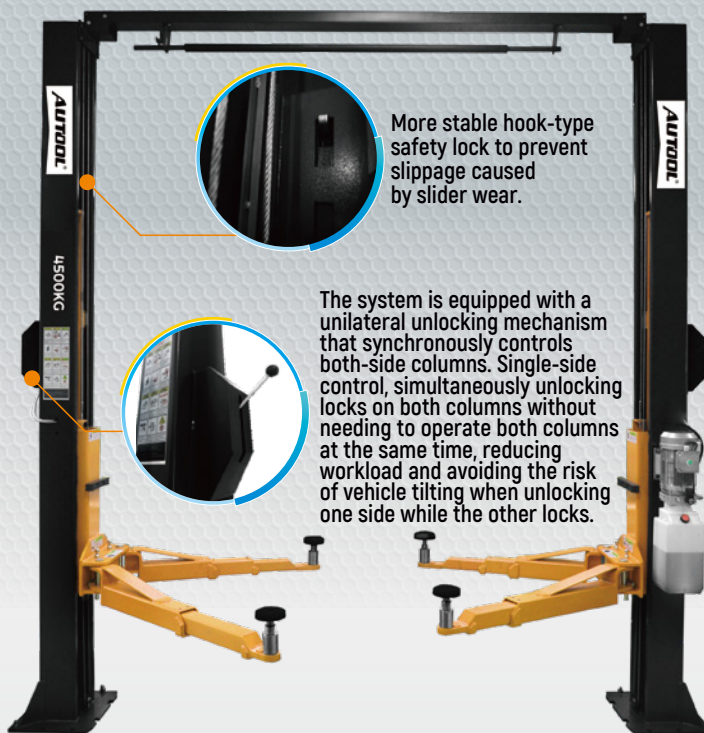
↑50%

The 1.95-meter high-strength carriage features a **50%** greater structural length and self-weight than standard lifts, delivering superior stability. The direct-drive hydraulic system eliminates chains, preventing the risk of chain breakage or derailment.



■ ALT-4.5D ■ ALT-4.5DW

Laser-cut steel plate with precise dimensions and a smooth appearance.
Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.
Japanese seals.
Dual-cylinder direct drive with wire rope balance system.
High-molecular wear-resistant sliders.
Single-side control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection.
Shot blasting surface treatment and high-temperature spray coating, ensuring durability.



More stable hook-type safety lock to prevent slippage caused by slider wear.



The system is equipped with a unilateral unlocking mechanism that synchronously controls both-side columns. Single-side control, simultaneously unlocking locks on both columns without needing to operate both columns at the same time, reducing workload and avoiding the risk of vehicle tilting when unlocking one side while the other locks.



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Standard with three-stage screw pads and height extension sleeve



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Model	Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
ATL-4.5D	4500kg	95mm	1990mm	50s	30s	3900mm	2860mm	3440mm	380V / 220V / Others 2.2KW
ATL-4.5DW	4500kg	95mm	1990mm	50s	30s	3900mm	3000mm	3580mm	380V / 220V / Others 2.2KW



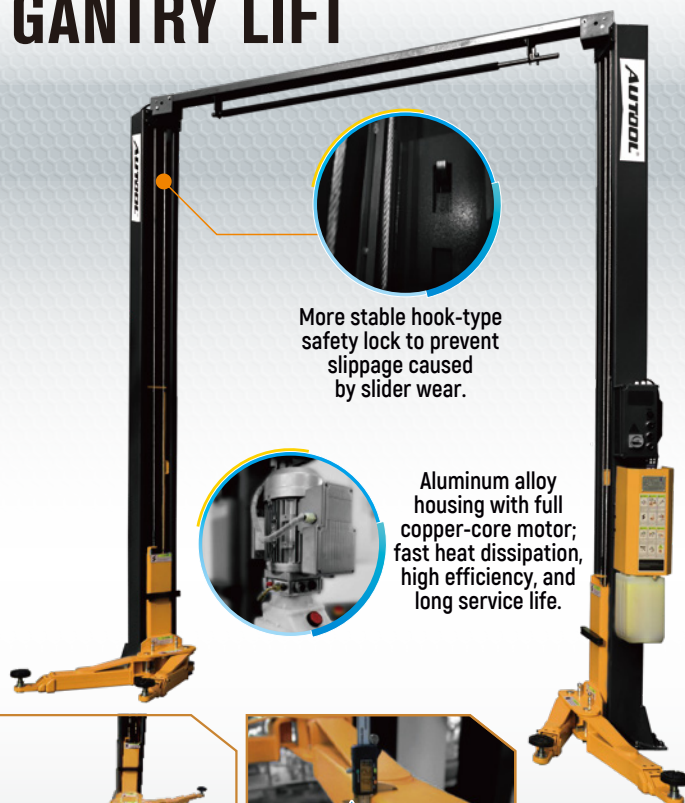
ASYMMETRIC STRUCTURE ELECTRIC-UNLOCKING GANTRY LIFT



EU Testing Standards

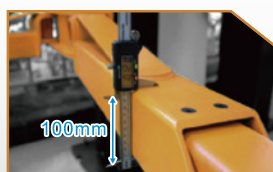
↑50%

The 1.95-meter high-strength carriage features a **50%** greater structural length and self-weight than standard lifts, delivering superior stability. The direct-drive hydraulic system eliminates chains, preventing the risk of chain breakage or derailment.



More stable hook-type safety lock to prevent slippage caused by slider wear.

Aluminum alloy housing with full copper-core motor; fast heat dissipation, high efficiency, and long service life.



Second and third supporting arms with 20% higher strength than standard lifts, suitable for sports cars with ultra-low chassis designs



Standard with three-stage screw pads and height extension sleeve



Solid-core steel plate



16mm thickened steel plate



High-precision supporting arm safety ratchet fit tightly

Laser-cut steel plate with precise dimensions and a smooth appearance. Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese seals.

Dual-cylinder direct drive with wire rope balance system.

High-molecular wear-resistant sliders.

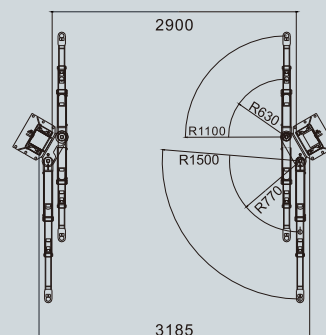
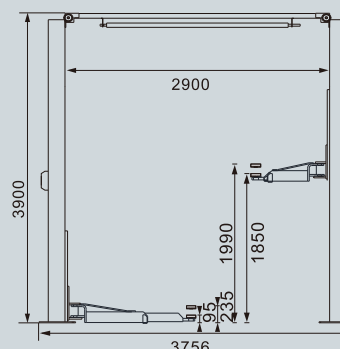
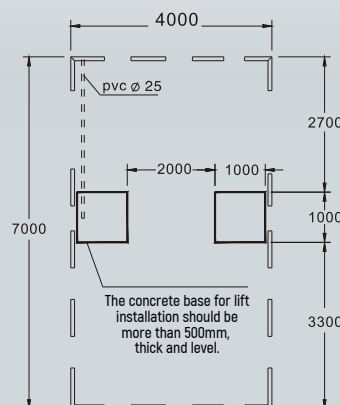
Electric control with dual-side unlocking safety mechanism, gear arm locking device, and multi-level safety design for enhanced protection.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Asymmetric structure for easier and quicker entry and exit.



Asymmetric structure. Larger door opening angle and smaller footprint, providing a more graceful and effortless entry and exit every time.



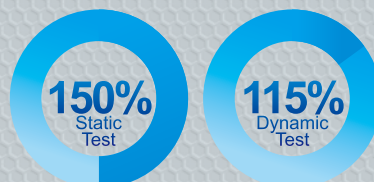
Lifting Capacity	Min. Height	Max. Lifting Height	Lifting Time	Descent Time	Total Height	Inner Column Width	Total Width	Motor Power
4500kg	95mm	1990mm	50s	30s	3900mm	2900mm	3756mm	380V / 220V / Others 2.2KW



ATL-4.5F

AUTOTOL

FOUR-POST LIFT



EU Testing Standards

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ATL-4.5F

FOUR-POST LIFT

AUTOMATIC UNLOCKING SERIES
STANDARD CONFIGURATION



Aluminum alloy housing
with full copper-core motor

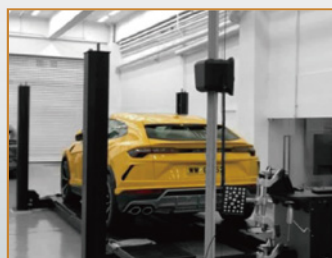
MANUAL/AUTOMATIC
UNLOCKING



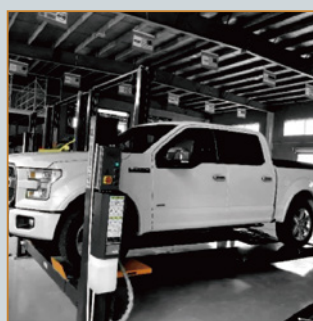
Optional industrial-grade
wireless remote control



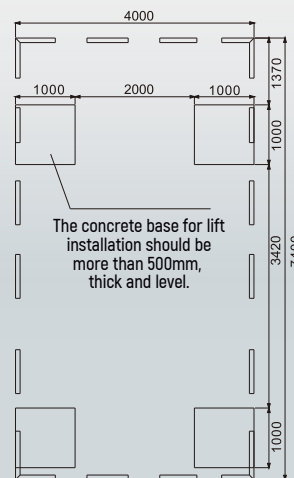
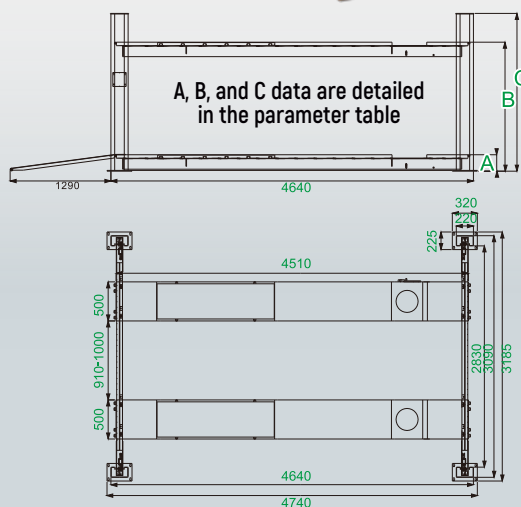
Solid-core steel
X-frame



EU-standard fully automatic control electrical box, with
automatic unlocking during descent; easy to operate



Wire rope breakage
safety mechanism



Standard with EU-standard
secondary lifting trolley



Independent ergonomic trolley safety design;
the trolley is fixed under load, and moves easily
when unloaded



4.5-ton model comes standard with a 4.5m
length; the effective load length can be
adjusted by changing the platform width
based on the vehicle model

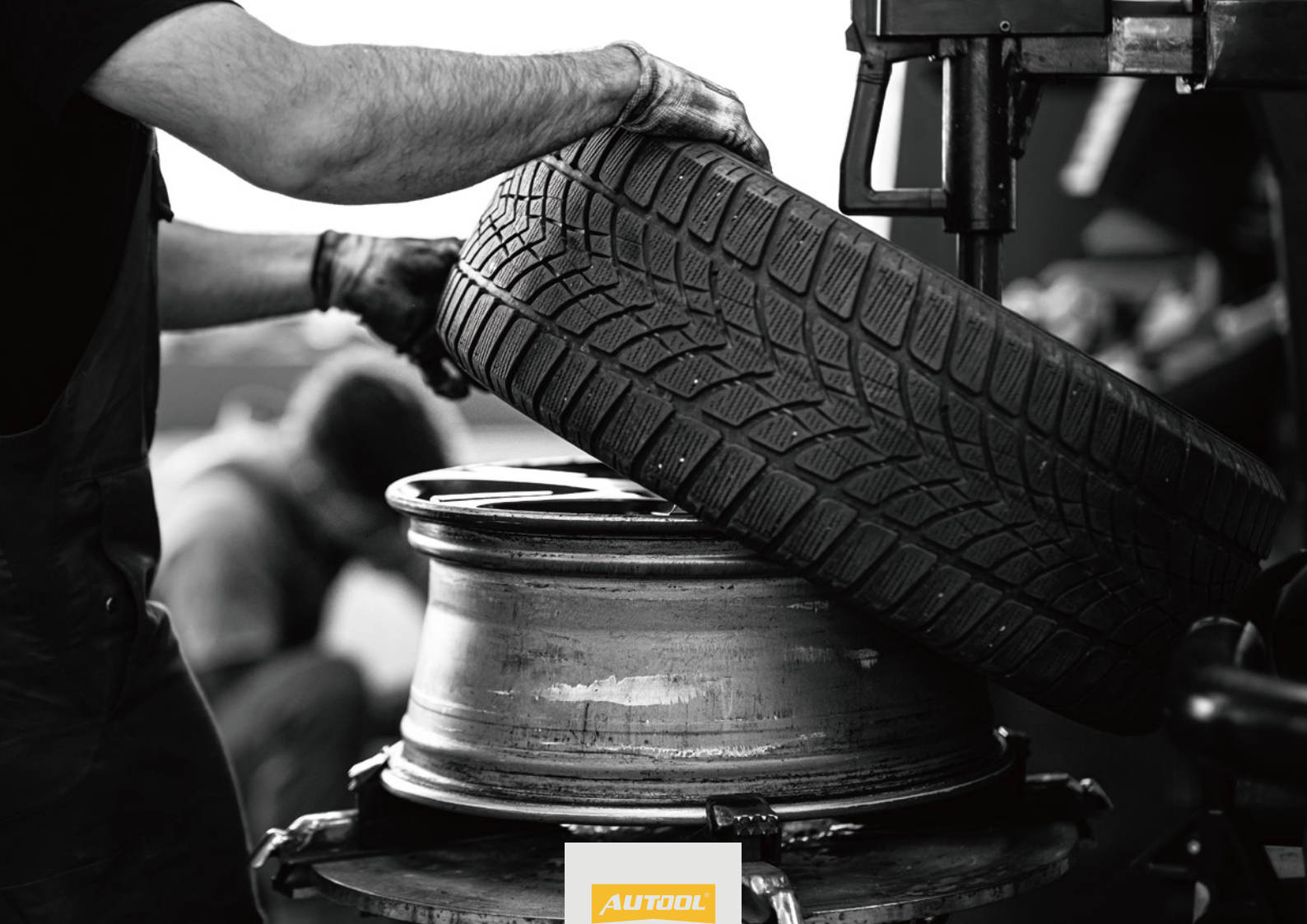
Cylinder components are processed using a high-speed fully automatic CNC lathe, ensuring excellent
concentricity and surface finish; the cylinder barrel undergoes rolling burnishing treatment.

Japanese seals.

Electric hydraulic system with wire rope drive, providing stable operation.

Shot blasting surface treatment and high-temperature spray coating, ensuring durability.

Lifting Capacity	Min. Height (A)	Max. Lifting Height (B)	Secondary Lifting Capacity	Secondary Lifting Height	Total Height (C)	Inner Column Width	Air Source Pressure	Motor Power
4500kg	210mm	1700mm	2000kg	480mm	2218mm	2830mm	0.6~0.8Mpa	380V / 220V / Others 2.2KW



AUTOOL

RELIABLE TOOLS FOR
RELIABLE REPAIRS



SERVE THE TIRES

TCA403	93
TCA404	94
TCA505 / TCA506	95
TWB203	96
TWB205	97



SWING-ARM TIRE CHANGER

93

TCA403

SWING-ARM TIRE CHANGER

Low-profile tire changer, with a streamlined overall design, offering both aesthetic appeal and functionality.

The machine features a composite housing, which enhances the overall strength and reduces vibrations of the working head.

The foot valve assembly uses a pull-out design for easy maintenance and servicing.

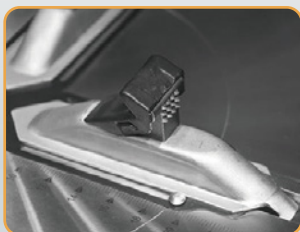
With a bidirectional large pneumatic cylinder air intake design, the machine provides fast and powerful return movements, while being energy-efficient, eco-friendly, and labor-saving.



Equipped with a high-end digital inflation gauge for more accurate measurements.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



The tire dismounting head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.



Comes standard with tire bead clamps.



Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	208kg
Turntable Speed	6.8rpm	Gross Weight	231kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm
Rim Size	12-24"	Quantity per 40ft Container	48 units

SWING-ARM TIRE CHANGER WITH AUXILIARY ARM

Swing-arm tire changer with auxiliary arm, featuring a streamlined overall design that combines aesthetic appeal with functionality.

The machine features a composite housing, which enhances the overall strength and reduces vibrations of the working head.

The foot valve assembly uses a pull-out design for easy maintenance and servicing.

With a bidirectional large pneumatic cylinder air intake design, the machine provides fast and powerful return movements, while being energy-efficient, eco-friendly, and labor-saving.



Equipped with a left-side auxiliary arm.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



Equipped with a high-end digital inflation gauge for more accurate measurements.



The tire dismantling head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.

Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	208kg
Turntable Speed	6.8rpm	Gross Weight	231kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm, 1050x750x360mm (auxiliary arm)
Rim Size	12-24"	Quantity per 40ft Container	48 units + 48 auxiliary arms



REAR-TILT TIRE CHANGER WITH AUXILIARY ARM

95

TCA505 / TCA506

Rear-tilt tire changer with auxiliary arm.

Streamlined overall design, offering both aesthetic appeal and functionality.

The reinforced composite housing reduces vibrations of the working head.

Equipped with a right-side auxiliary arm, making it easier to mount run-flat and low-profile tires.



Equipped with a right-side auxiliary arm for easy mounting and dismounting of hard-to-install tires. It features both tire support and tire pressing functions.



The foot valve assembly uses a pull-out design. The reinforced composite housing reduces vibrations of the working head.



Rear-tilt tire changer with auxiliary arm.



Alloy steel jaws with quenched tips, complete with jaw protection sleeves.



The tire dismounting head is made of stainless steel, compliant with international stainless steel standards, and is equipped with anti-scratch washers.



Configured with a bidirectional large pneumatic cylinder and a dual exhaust system, ensuring fast return movements and stronger bead breaking performance.



The TCA506 configures an independent tire bead blaster system



Power Supply	AC 220V/380V	Tire Diameter	1100mm
Power	1.1kw/0.75kw	Net Weight	282kg
Turntable Speed	6.8rpm	Gross Weight	352kg
Air Source Pressure	8-10bar	Noise Level	≤70dB
Tire Width	4-13"	Packaging Dimensions	1150x950x980mm, 1050x750x360mm (auxiliary arm)
Rim Size	12-24"	Quantity per 40ft Container	48 units + 24 auxiliary arms

REAR-TILT TIRE CHANGER WITH AUXILIARY ARM

ENHANCED WHEEL BALANCER (DYNAMIC TYPE)

Enhanced wheel balancer. (Dynamic type)

Multiple balancing modes.

The control board features a self-check function.

Easy to maintain, with lower maintenance costs.

Streamlined overall design, offering both aesthetic appeal and functionality.

The main shaft undergoes a heat treatment process for high precision and high strength.



Independent intellectual property rights with adoption of a new ARM microprocessor for easy maintenance and low repair costs.



The microcomputer system, consisting of a digital tube display and keyboard, enhances functionality with clear visibility and simplicity.



The speed measurement and positioning system consists of a photoelectric coupler and gear disc.



The thickened and extended main shaft with a 40mm lead screw supports balancing extra-wide rims.



The control board features a self-check function.

Maximum Wheel Weight	65kg	Tire Diameter	1100mm
Power	0.25kw	Net Weight	109kg
Balancing Accuracy	±1g	Gross Weight	133kg
Balancing Speed	Approx. 260r/min	Noise Level	≤70dB
Positioning Accuracy	1.5°	Packaging Dimensions	910x850x1235mm
Rim Diameter	10-26"	Quantity per 40ft Container	56 units



INTELLIGENT PRECISION WHEEL BALANCER

Intelligent precision wheel balancer.

Streamlined overall design, offering both aesthetic appeal and functionality.

The OPT function enables optimal tire and rim combinations, reducing the weight of required wheel weights.

The SPQ function decomposes and hides imbalance amounts behind the tire spokes, making the wheel more aesthetically pleasing.

The 2D system automatically measures and inputs parameters such as distance, diameter, and tire width.

Equipped with top and bottom laser indicators for easy lead weight placement.

Configured with a cast-iron foot brake system for easy locking of imbalance points.



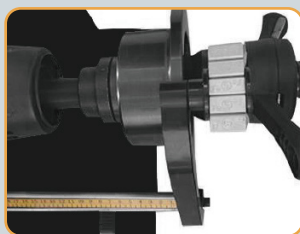
Independent intellectual property rights with adoption of a new ARM microprocessor for easy maintenance and low repair costs.



The microcomputer system, consisting of a digital tube display and keyboard, enhances functionality with clear visibility and simplicity.



Equipped with top and bottom laser indicators and lighting system.



Multiple balancing modes; in ALU mode, utilizes the internal pull-out ruler to clamp wheel weights, precisely and quickly locating the imbalance point.



The wheel weight operation platform makes it easy to cut and apply lead blocks, and includes a storage slot for a 100g calibration wheel weight, eliminating concerns about the loss of calibration lead blocks and the maintenance inconvenience it may cause.



Equipped with a luxury tire protection cover. (Optional external sonar measuring ruler)



TWB205

INTELLIGENT PRECISION WHEEL BALANCER

Maximum Wheel Weight	65kg	Tire Diameter	1050mm
Power	0.25kw	Net Weight	120kg
Balancing Accuracy	±1g	Gross Weight	148kg
Balancing Speed	Approx. 260r/min	Noise Level	≤70dB
Positioning Accuracy	1.5°	Packaging Dimensions	850x910x1235mm
Rim Diameter	10-26"	Quantity per 40ft Container	56 units

Distributed by



📍 Unit 1303, Building 1, Runzhi R&D Center,
Bao'an, Shenzhen, China
✉ sales@autooltech.com
🌐 www.autooltech.com
☎ +86-755-23304822



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