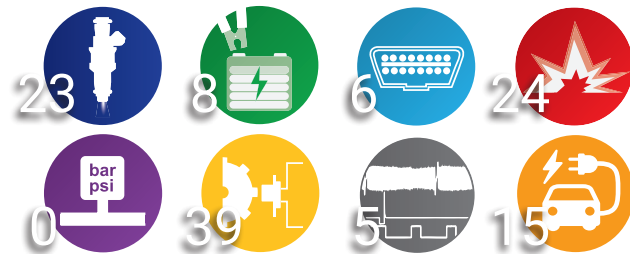


The PicoScope 4425A EV Kit



When you look at our EV kit as a whole, you will notice that while it adds new capability for EV vehicles, it also contains accessories for testing a wide range of components on ICE and hybrid vehicles. This makes it a highly versatile kit that provides the ability to undertake 120 of our existing guided tests.



The kit is also available in foam inlays for workshop trays.



Kit contents

- PicoScope 4425A Oscilloscope
- Pico 2-pole tester
- Pico Insulation tester
- PicoBNC+ 2000A current clamps
- PicoBNC+ 60A Clamp
- Differential Probe: 1400V CATIII
- PicoBNC+ COP and signal probe
- 1000V back-pinning probes
- PicoBNC+ 10:1 scope probe
- PicoBNC+ Test Lead Set
- PicoBNC+ temperature & resistance test leads
- Parking sensor & Keyless entry detectors
- Essential Fuse Extension Leads
- Wide range of clips and adaptors

You can find the full content on our website: www.picoauto.com/products.
Keep an eye out for new videos showcasing our EV testing procedures and more at: www.youtube.com/c/PicoScopeAutomotive.



Are you interested in the science that drives the industry's switch to a post fossil-fuel world? Then join us on Pico Planet's mission towards a carbon-negative existence.

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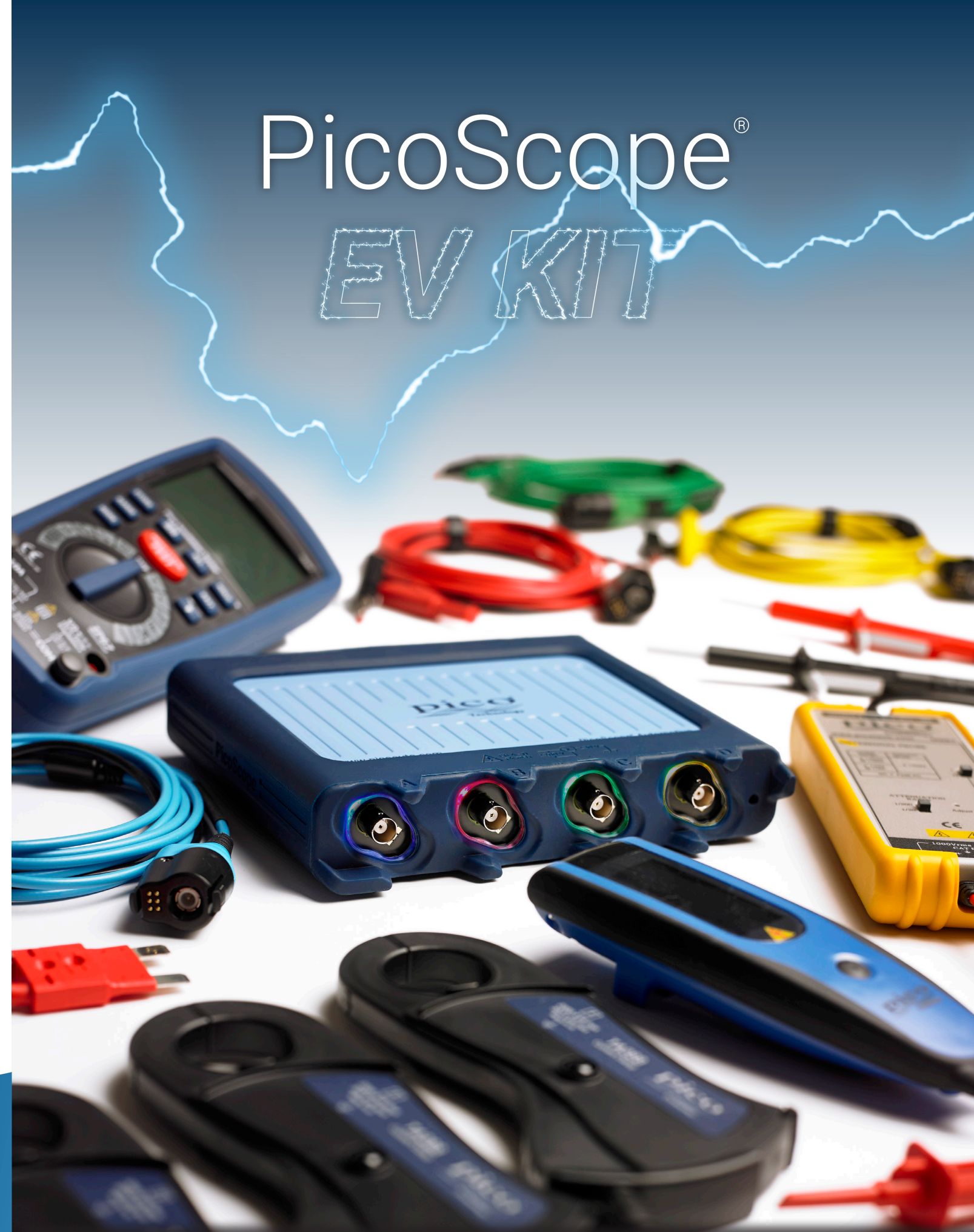
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driving the future together

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Why PicoScope 4425A EV Kit?

EV (Electric Vehicle) is the technology that will dominate our industry in the future and all workshops looking to prosper know that they must be properly trained and equipped to work on EV and hybrid vehicles. At the same time customers are demanding that their non-EV vehicles are maintained for longer and diagnosed accurately and efficiently.

Recently, we introduced our the PicoScope 4425A with PicoBNC+® connectors, and we are now releasing a PicoScope kit designed specifically for those wishing to correctly diagnose issues with electric vehicles alongside more familiar technologies including hybrid (covers all 12 V and 48 V systems) and internal combustion engine vehicles. This is a kit that gives you an edge, today and tomorrow.

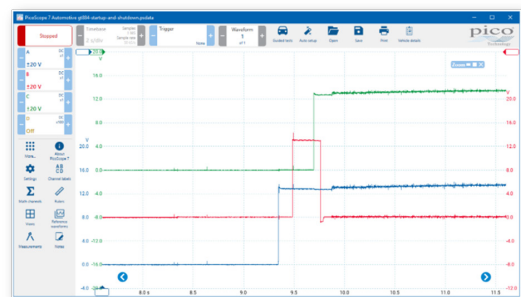


PicoScope 4425A EV complete with guided tests and advice



As with all vehicle tests, the PicoScope software comes complete with guided tests to help you understand the testing process, including how to connect, what to expect and how to analyse the waveforms you have captured.

Note that our Guided Tests are not designed to replace the need for you to be properly trained and qualified. Follow all manufacturer and high-voltage safety procedures, and use protective equipment and tools.

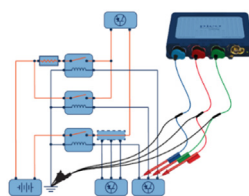


Connect ✓ Detailed connection diagrams and instructions are provided in the software

Run ✓ Explanation of vehicle conditions in order to capture waveforms the correct way

Read ✓ Arguably, the most important skill is the analysis of the waveforms you capture.

Embedded within all PicoScope guided tests is the experience and understanding of our own master techs helping you with what you should see when the system is working correctly as well as what to look out for when things go wrong.



We launched the PicoScope EV kit with a great selection of EV guided tests. With another 20 currently in the pipeline, our Guided Tests will quickly become the essential reference guide for testing Electric and Hybrid vehicles.

The PicoScope 4425A EV key accessories



TA466 Two-pole tester

An essential tool for anyone working on high-voltage systems in both full EV and Hybrid vehicles. It gives the technician the ability to confirm that there is no voltage present in the system or component before they are tested with the PicoScope.



TA467 Insulation tester

This insulation tester also includes full high-voltage measurement functions and gives the user the ability to test the integrity of the insulation on the high-voltage system prior to restoring power.



TA057 Differential Probe: 1400V CATIII

The high-voltage probe for PicoScope. Connect to any channel for safe testing of voltages in excess of 200V. This is also required by some guided tests to ensure the technician's safety.



PicoBNC+ 2000A current clamp

Our kit includes 3 x PicoBNC+ 2000 A clamps. This is, by far, the safest way to capture 3-phase current measurements to check winding balance under load.



TA558 and TA559 HV Back-pinning probes

1000 V Cat II back-pinning probes that provides safe access to contacts. Note that standard TA161/TA162 probes should not be used for high voltages. The high-voltage probes are used in guided tests, including Charger-vehicle proximity line voltage (type 2) and Charger-vehicle communications (type 2).

PicoScope 4425A EV a long future ahead for you and your workshop

The PicoScope EV Kit - a long future ahead for you and your workshop Technology continues to move quickly, and it is radically changing the motor vehicle. With PicoScope, you only pay for the hardware while the software upgrades are free of charge.

This ensures that the tool you buy today will continue to improve in future. We will introduce additional PicoBNC+ probes to add new test capabilities, keeping your workshop equipped to diagnose all vehicles.

Invest in PicoScope today and *let's drive the future together.*