

# ECK FLAG

An innovative experience



ECK FLAG is designed for different types of refrigerant. The standard features, WIFI connectivity, gas analyser option and high-quality components make ECK FLAG a highlight among the most modern A/C charging stations.

## Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf

- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Large 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser to detect % of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 1 tracer - both with hermetic containers that can be filled- and with hermetic cartridges
- Automatic purging of non-condensable gases
- 2 large side pockets to comfortably accommodate even longer hoses
- WIFI connection as standard
- Complete database including commercial and agricultural vehicles
- Status light

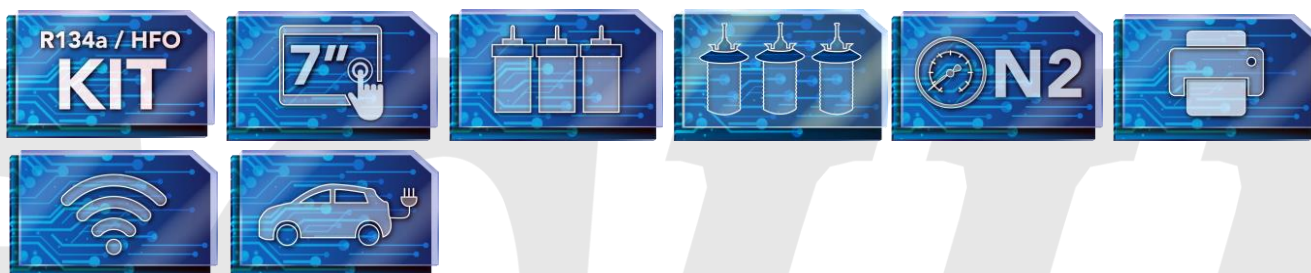


Y2F200000000

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Type of refrigerant	HFO1234yf or R134a
Display	7" colour touchscreen
Service valves	Automatic
Thermal printer	Standard
Hermetic and refillable containers for oil and dye	Standard 2 + 1
Hermetic disposable containers for oil and dye	Standard 2 + 1
Refillable standard containers for oil and dye	Not available
Hoses	3 meters
Data Base Car-Truck-Agri	Standard
Refrigerant Configuration	Standard
Hybrid function / electrically driven compressors	Standard
Pressure test forming gas / nitrogen	Standard
Gas Identifier / Gas Analyser	Option, Analyser
Connectivity WIFI	Standard
Flushing Kit	Option
Leak check in vacuum	Standard
Non condensable gas purge	Automatic
Voltage	220-240V 50/60 Hz
Vacuum pump	100 l/min, vacuum level 0,1 mbar
Sealed compressor	1/3 HP
Recovery speed	300 g/min in liquid phase
Tank Scale resolution	10 gr
Oil scale resolution	5 gr
Working temperature range	11/49 °C
Filter system	1 filter for humidity
Refrigerant tank	12 liters refillable
Bottle heater	Standard
Dimension / weight	cm 67 x 68 x 108, 77 kg
Dimension / weight with packaging	cm 76 x 70 x 125, 95 kg

## STANDARD



## OPTIONS



Y2F200000000	ECK FLAG
Y2FH000000000	Refrigerant Kit TOP HFO1234yf
Y2FR000000000	Refrigerant Kit TOP R134a
Y2FH000000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR000000001	Refrigerant Kit TOP R134a UK

# RECOMMENDED ACCESSORIES

Safe and suitable solutions for ECK FLAG



## SAE GAS ANALYSE KIT.GAS

Verifying the purity of the refrigerant before the climate service is very important because it avoids costs of decontamination of the station, repair of the A/C system and allows the regular disposal of the contaminated gas. The workshop protects the environment and avoids the risks of possible lawsuits.

Benefits of the SOCS solution:

- External unit and external gas sample hose (no use of service hoses!)
- No external space required – integrated into the machine
- Easy installation in less than 20 minutes



## Starterkit AEK006-2

The top recommendation for AC compressor oils and leak detection with UV light.



## Diagnosis Sight Glass AEK232-2 for HFO1234yf or Diagnosis Sight Glass AEK232-1 for R134a

- Visual inspection of the refrigerant on the vehicle by running air conditioning system
- Visual inspection of the refrigerant when filling AC stations
- Use as a protective filter for AC stations in the case of unsafe vehicle AC systems.



## HP Swift coupling

### AEK231-2 for HFO1234yf or AEK231-1 for R134a

HD extension couplings for e.g. BMW, Ford and Volvo, the solution when access to the HD service connections is difficult.



## Manual injector

### AEK204A for R134a

### AEK204B for HFO1234yf

Fill compressor oil or dye manually via the LP connection by running AC system.



## Flushing kit AEK102-N21 (neutral unit requires configuration)

### + AEK102-N21-1 Kit for HFO1234yf or

### + AEK102-N21-2 Kit for R134a

For cleaning the A/C system of components on the vehicle with refrigerant by an AC service station.

- Environmentally friendly because no solvents are used but only refrigerant
- Very efficient cleaning thanks to the high washing speed obtained with the vacuum in the tank
- Patented universal adapters for creating bypasses
- The amount of refrigerant can be defined by the user (washing a component rather than a system)
- Time-saving and efficiency thanks to the fast process and fully automatic cycles



## Most focussed selection of A/C compressor oil and dye

With just 3 standards, over 95% of market requirements are covered. Details in the catalog on page 30.

- Simple solution for the user
- Any product is "universal" for both HFO and R134a, mechanical and electric compressor
- Choice of bottles or hermetic cartridges
- Focussed on the most popular PAG and POE standards
- Sales unit = 6

AEK275	Oil bottle PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
AEK276	Oil bottle PAG46 - 250ml for HFO1234yf, R134a mechanical and electric compressor
AEK287	Oil bottle POE80 - 250ml for R134a, HFO1234yf mechanical and electric compressor
AEK386	Oil + dye bottle POE85 - 250ml for R134a, HFO1234yf mechanical and electric compressor
AEK290	Dye bottle - 250ml for R134a, HFO1234yf mechanical and electric compressor



## Maintenance

STM0012-KIT	Thermal paper for printer kit 10 pc.
KIT017	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil PMP3335 + 1 filter FLT5512
FLT5512	Filter for humidity, 100 kg
PMP3335	Vacuum pump oil 500 ml ISO46