

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

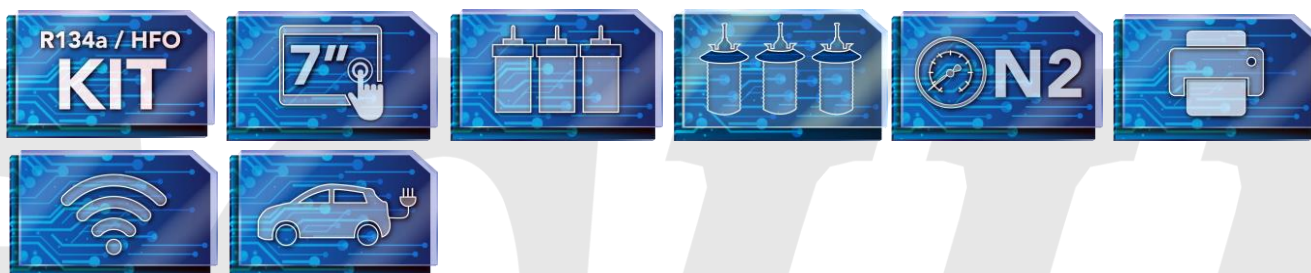


Y2F200000000

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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 |
| Y2FH00000000 | Refrigerant Kit TOP HFO1234yf |
| Y2FR00000000 | Refrigerant Kit TOP R134a |
| Y2FH00000001 | Refrigerant Kit TOP HFO1234yf UK |
| Y2FR00000001 | 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

AEK207A for R134a

AEK207B 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.

- 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

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|-------------|----------------------------------------------------------------------------------------|
| 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 |