

ECK BUS PRO

Power for large systems



Ecotechnics' special product for the refrigerant R134a. The technical characteristics of ECK BUS PRO allow to manage large climate systems such as those of buses or trains.

Fully automatic A/C charging station for recovery, recycling and charging for R134a

- Large capacity 40L internal cylinder
- 1kg/min gear pump for very fast refrigerant refilling
- 170L/min vacuum pump
- 21cc hermetic compressor
- 6m hoses
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 1 oil and 1 tracer with standard refillable containers
- Automatic purging of non-condensable gases
- Complete database also including commercial and agricultural vehicles



XK456A000051

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Type of refrigerant	R134a
Display	LCD alphanumeric mm 146 x 82,5
Service valves	Manual
Thermal printer	Standard
Hermetic and refillable containers for oil and dye	Not available
Hermetic disposable containers for oil and dye	Not available
Refillable standard containers for oil and dye	Standard 1+ 1
Hoses	6 meters
Data Base Car-Truck-Agri	Standard
Refrigerant Configuration	Not available
Hybrid function / electrically driven compressors	Not available
Pressure test forming gas / nitrogen	Standard
Gas Identifier / Gas Analyser	Not available
Connectivity WIFI	Not available
Flushing Kit	Not available
Leak check in vacuum	Standard
Non condensable gas purge	Automatic
Voltage	220-240V 50/60 Hz
Vacuum pump	170 l/min, vacuum level 0,1 mbar
Sealed compressor	21 cc
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	2 filters for humidity
Refrigerant tank	40 liters refillable
Bottle heater	Not available
Dimension / weight	cm 80 x 62 x 115, 127 kg
Dimension / weight with packaging	cm 91 x 72 x 126, 137 kg

STANDARD



RECOMMENDED ACCESSORIES

Safe and suitable solutions for ECK BUS PRO



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.



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.
KIT018	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil PMP3335 + 1 filter FLT5005 + FLT5006
PMP3335	Vacuum pump oil 500 ml ISO46