

ECK 4012

Premium class in a timeless design

ECOTECHNICS

SIMPLY EFFICIENT

The top of the Black Line range. Most modern features are standard and offer the best performance and ease of use. The refrigerant configuration is done during the initial start-up. Future-oriented standard features and high-quality components make the ECK 4012 a highlight among the most modern air conditioning service units.

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
- Wi-Fi connection as standard
- Complete database including commercial and agricultural vehicles
- Status light



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Y1Q20000000

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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, 100 kg
Refrigerant tank	12 liters refillable
Bottle heater	Standard
Status light	Standard
Dimension / weight	cm 55 x 60 x 110, 90 kg
Dimension / weight with packaging	cm 70 x 70 x 130, 100 kg

STANDARD



OPTION



Y1Q200000000	ECK 4012
Y2FH00000000	Refrigerant Kit TOP HFO1234yf
Y2FR00000000	Refrigerant Kit TOP R134a
Y2FH00000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR00000001	Refrigerant Kit TOP R134a UK