

## ECK 1800 / ECK 1890

ECOTECHNICS FOR HFO1234yf OR R134a

The popular and widely held "basic model" of Ecotechnics. For the refrigerant R134a or HFO1234yf, this device is ideal for those who are looking for the reliability of Ecotechnics, but do without some features to keep the investment for the purchase as low as possible.

**ECK-1800/1890 – Fully automatic A/C service station** for recovery, recycling and recharging with the refrigerant HFO1234yf or R134a. The high refrigerant recovery rate ensures today's undeletable contribution to environmental protection. The service valves are operated manually.

**ECK-1800/1890 - The patented and compact aluminium** recovery unit is a great advantage. During the recovery phase, a lot of heat is generated and the refrigerant is cleaned of mechanical residues, oil, acid and water and stored in the internal tank. The patented recovery unit shortens internal lines and paths, increasing efficiency and reliability. Even at high outside temperatures and very strong use, the operating speed does not decrease during the recovery phase. A/C service stations from Ecotechnics work at outside temperatures from +11 °C to + 49 °C degrees.

**ECK1800/1890 - Easy to use.** The alphanumeric display guides the operator through the logical and professional menu navigation. The data input is made on a separate keypad with additional function buttons. The menu navigation is Ecotechnics-like and guides even inexperienced operators safely through the A/C service.

**ECK-1800/1890 - Practical and fast!** The compensation of the service hose length takes place automatically. The pressure sensors can be easily calibrated. The discharge of the "non-condensable" gases from the internal tank takes place manually and the operator is guided by the menu navigation. The special feature is that the tank temperature is read out electronically and the corresponding pressure to be reached is shown in the display – no time spending research for the steam pressure table! Thermal printer, heating cable, static diagnosis, the option with a flushing kit to clean parts of the A/C system, as well as economically and professionally designed components create the basis for this workshop-based basic professional A/C service station.

**ECK-1800/1890 - The workshop-oriented design** is user-friendly and suits to the workshop needs in two versions which also differs in colour. With the blue ECK1800, the pressure gauges are arranged vertically and the hose storage box is positioned laterally. The grey ECK1890 has the hose storage box and the horizontal pressure gauges on the front of the unit.

**ECK1800/1890 - The A/C system pressure test** can be worked out very quickly by the manual service valves and helps to measure up the A/C system.

**ECK1800/1890 - The patented diagnostic feature** can assist the user in troubleshooting the vehicle. In static diagnostics, the user enters the required data into the machine via the menu and a printout is made of the possible error sources.

**ECK1800/1890 - The basic model and professional technology for the benefit of the workshop.** The solution of Ecotechnics for the workshop of today, looking for professional equipment and "value for money". The fully automatic A/C service station for service on R134a or HFO1234yf sstems



**ECK 1890**



**ECK 1800**

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Type of refrigerant	R1234yf or R134a
Voltage	220-240V 50/60 Hz
Vacuum pump	100 l/min, vakuum level 0,1 mbar
Sealed compressor	1/3 HP
Recovery speed	300 g/min in liquid phase
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
Hoses	3 meters
Puff free couplers	Option
Service procedure	fully automatic or manual
Automatic service valves	not available
Hybrid function / electrically driven compressors	not available
Pressure test forming gas / nitrogen	not available
Display	LCD alphanumeric mm 98 x 39
USB port	Standard
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
Pressure guages	Class 1
Tank temperature sensor	Standard
Bottle heater	Standard
Automatic air purge	not available
Dimension / weight	cm 55 x 60 x 105 kg 60
Dimension / weight with packaging	cm 70 x 70 x 122 kg 70



**ECK 1890**



**ECK 1800**

## STANDARD



AUTOMATIC  
DYE  
INJECTION



THERMAL  
PRINTER



USB PORT

## OPTIONS



FLUSHING  
KIT