

## A/C SERVICE

Aircon Service Units  
Cars / Commercial Vehicles



### Aircon service unit WAC 2000 R134a

Part no. W050 200 010

REFRIGERANT  
R134a



The WAC 2000 R134a fully automatic aircon service unit guarantees comprehensive A/C service on car and truck systems. With its standard equipment of 4 oil reservoirs, the unit is also ideally suitable for use on hybrid vehicles.

Where necessary, it can be converted for use with R-1234yf.

#### Equipment features:

##### Safe and reliable

- CE-certified
- Continuous leak monitoring to pick up even the smallest leaks so as to prevent the loss of refrigerant
- Database updates via USB interface
- Internal ventilation system clears gases from the unit thereby ensuring safe and reliable operation
- Internal flushing function of the service hoses prior to a change of oil grade
- Automatic pressure increase monitoring after extraction
- Automatic hose length compensation

##### Time-saving

- Much faster automatic A/C service sequence than required by the German vehicle manufacturers
- Documentation of refrigerant consumption by means of a refrigerant management system
- Automatic draining of non-condensable gases from the internal refrigerant bottle
- Fully automatic oil management for exact oil filling
- Ideally suitable for hybrid and electric vehicles or vehicles with electrical compressors, thanks to 4 oil reservoirs for fresh oil and UV additives with automatic flushing mode
- Electronically controlled opening and closing of the high- and low-pressure valves

##### Complete

- Sturdy metal housing
- 3 m long service hoses
- Cover protects the unit against dust and dirt
- Integrated printer with multiple and personalised printing
- Clear display of all measured values and function data and printout of the completed work steps
- All customer and vehicle data can be input, thus easy to handle also for warranty claims in that all the relevant data are available and can also be printed out.

##### Easy to use and environmentally friendly

- Simple and fast refilling of the oil/UV reservoirs via quick-action couplings
- Very easy to use menu navigation
- Large, clear 7" colour display with individual settings
- Easy handling for servicing and maintenance work (automatic operating hours counter)
- Integrated LED display and acoustic indication in the event of faults and information
- High compressor extraction rate allows recovery of over 95% of the refrigerant charge

Technical data	
Dimensions	650 x 550 x 1400 mm
Weight	110 kg
Refrigerant	R134a
Refrigerant tank	20 kg
Extraction rate	300 g/min
Vacuum pump capacity	90 l
Vacuum level	3 x 10 <sup>-1</sup> Pa
Refrigerant filling accuracy	± 15 g
Oil / UV accuracy	1 g
Percentage purity	100 %
Pressure gauge	High-resolution digital display, additional pressure gauges
Max. operating pressure	20 bar
Number of filter dryers	1
Approvals	CE certification, SAE J2099, SAE J2843 EC Machinery Directive 2006/42/EC EC Low Voltage Directive 2006/95/EC EC EMC Directive 89/336/EEC EC Pressure Equipment Directive 97/23/EC

## A/C SERVICE

Aircon Service Units  
Cars / Commercial Vehicles




### Scope of delivery

Designation	Part no.
Aircon service unit WAC 2000 R134a	<b>W050 200 010</b>
Service hoses with standard quick-action couplings (length 3 m)	–
Stickers for the various oils	–
USB stick with filling capacity database	–
Service booklet	–
Cover	–
Unit familiarisation	–

Equipped for the future! Where necessary, the WAC 2000 R134a can be very easily converted at a later stage for use with the new R-1234yf refrigerant.

### Accessories

Designation	Part no.	Description	Picture
<b>Maintenance contract</b>	<b>0900 400 018</b>	Carried out annually by our technicians	
<b>A/C service data</b>	<b>W067 000 005</b>	Electronic A/C handbook (technical data, schematics, ...)	
<b>Refrigerant analyser for R134a</b>	<b>0900 870 096</b>	Simple composition analysis of refrigerant in vehicle air conditioning system to ensure refrigerant purity	
<b>Conversion kit</b>	<b>W067 200 005</b>	For converting the refrigerant of a WAC 2000 Series aircon service unit from R134a to R-1234yf	