

PRODUCT INFORMATION

WOW! A/C SERVICE UNIT COOLIUS A50



Refrigerant R134a

COOLIUS A50

The all-round carefree systems
with integrated nitrogen and forming gas test
for hybrid and electric vehicles



WOW! A/C SERVICE UNIT COOLIUS A50

WOW! COOLIUS-series – fully automatic A/C service

COOLIUS A50 A/C service unit (Art. no. W050 105 000) consisting of:

- A/C service unit COOLIUS A50
- Service hoses with standard couplers (length 3.0 m)
- Stickers for the various oils and UV additives
- Service booklet
- Quick start guide (with website link for multi-lingual operating instructions)
- Vehicle fill quantity database

Features

Well thought-out operation and unique mobility

- Innovative data input with CooliusSelect: Convenient menu navigation and operation with navigation dial
- Innovative scale construction with a transport lock, which can be fixed without tools, allows easy mobile use
- Device is mobile usable, as it can be operated with a voltage transformer

Clever documentation

- Readout and export of data via USB interface (Excel file)
- Enables the documentation of individual services and the evaluation of the total refrigerant consumption

Clean solution

- Quick change of oil type possible through intelligent internal flushing of the line system (PAG to POE oil etc.) including flushing of the service hoses
- Ready for hybrid and electric vehicles - equipped with 2 fresh oil, 1 waste oil and 1 UV additive container
- High suction rate of the compressor allows recovery of almost 100 % of the charged refrigerant

Service-friendly components

- Use of high-quality and specially matched components, allows a long service interval
- Fast and easy fault diagnosis with two analogue manometers

No unwanted access

- Personalized access for the device can be set up
- Personalized 4-digit password ensures access only for authorized persons

WOW! A/C SERVICE UNIT COOLIUS A50

Technical data

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| Refrigerant | R134a |
| Dimensions | 680 x 667 x 1175 mm |
| Weight | 90 kg |
| Casing | Metal with robust plastic cover |
| Operating voltage | 230 V / 50/60 Hz |
| Operating temperature range | +10/+49°C |
| Total volume | 20 kg |
| Refrigerant scales | 60 kg loadable |
| Max. operating pressure | 20 bar |
| Compressor | 3/8 HP |
| Recovery rate (liquid) | 500 g/min |
| Nitrogen / forming gas test | Automatic (accessories required) |
| Non-condensable gas discharge | Automatic |
| Main filter dryer (1 piece) | Type 660 Coaxial |
| Fan for safe operation | D 172 mm |
| Recovery speed by cooling the compressor with fan | D 172 mm |
| Pressure increase monitoring | Automatic |
| Old oil discharge | Automatic |
| Old oil bottle capacity | 250 ml |
| Oil / UV accuracy | ± 2 g |
| Refrigerant recovery and filling accuracy | ± 15 g |
| Vacuum pump capacity | 128 l/min |
| Final pressure (McLeod abs) | 0.05 mb |
| Electronic pressure sensor | Integrated |
| Fresh oil filling | Automatic |
| Fresh oil PAG / POE bottle content | 250 ml |
| UV additive, bottle content | 100 ml |
| Refrigerant filling | Automatic |
| Internal flushing for oil grade change | As standard |
| Flushing the vehicle A/C systems | As standard |
| Refrigerant management system | Integrated |
| Display | 4 x 20 characters |
| Acoustic signal | For errors and hints |

WOW! A/C SERVICE UNIT COOLIUS A50

Technical data

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| Update of vehicle database | Via USB port |
| Creation of own vehicle database | Option |
| Integrated printer | With multiple printing |
| High pressure and low pressure valves | Electronically controlled |
| Pressure gauge (pulse free) LP + HP | Class 1.0/D 80 mm |
| Pressure gauge for internal refrigerant bottle | Class 2.5/D 35 mm |
| Quick couplers | SAE J639 |
| Service hoses 3 m | SAE J2197 |
| Extension kit for service hoses | Available as an option |
| Service hose length compensation | Automatic |
| Certifications | CE certification by TÜV Süd |

Accessories

Disposal kit (Art. no. W067 200 026)

- For the disposal of contaminated refrigerant with hand pump, 2 hoses and bottle.

Flushing kit (Art. no. W067 100 010)

- Allows flushing the vehicle air conditioning system with refrigerant R134a and R1234yf.
- Holder for flushing kit COOLIUS series (Art. no. W067 100 135)
- Adapter sets for flushing kit: Enables bridging of compressor connections (Art.no. online)

External Analysers for R134a (Art. no. W067 000 101)

- Enables easy identification of the refrigerant in the vehicle air conditioning system.

Inspector cylinder (Art. no. W067 400 004)

- For checking the oil quality in the air conditioning system and protecting the A/C service unit.

Extension kit service hoses 3 m (Art. no. W067 200 030)

Cover (Art. no. W067 100 003)

- Protects your A/C service unit in the workshop from dirt and dust.

NEW:

HERMETICALLY SEALED OIL TANKS

More information at www.wow-portal.com/en/coolius.

Have you also thought about materials and accessories such as refrigerants, oils, UV leak detection additive or UV LED flashlight?

You can find these and other products for the comprehensive air conditioning service on the respective Würth websites or directly from your responsible salesperson.

Illustrations partly include options and additional equipment. Errors and changes reserved.

