

# PRODUCT INFORMATION

## WOW! A/C SERVICE UNIT COOLIUS Y50



Refrigerant R1234yf

### COOLIUS Y50

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



# WOW! A/C SERVICE UNIT COOLIUS Y50

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

### COOLIUS Y50 A/C service unit (Art. no. W050 115 000) consisting of:

- A/C service unit COOLIUS Y50
- 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 Y50

## Technical data

Refrigerant	R1234yf
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

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## Technical data

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 J2888
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 R1234yf (Art. no. W067 000 100)

- 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 100 001)

### 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](http://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.

