

PRODUCT INFORMATION

WOW! A/C SERVICE UNIT COOLIUS Y50A



Highlights COOLIUS Y50A

- **Our reference in AC service!**
Powerful and robust premium class service unit for fully automatic A/C service with the refrigerant R1234yf with integrated refrigerant analysis unit.
- **Ideally suited for servicing cars, vans, commercial vehicles, construction site vehicles and agricultural vehicles.**



R1234yf

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WOW! COOLIUS series – fully automatic A/C service

COOLIUS Y50A A/C service unit (Art. no. W050115020) consisting of:

- A/C service unit COOLIUS Y50A with integrated refrigerant analysis device
- 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

Innovative refrigerant analysis

- Internally installed refrigerant analyzer is fully integrated into the A/C service process.
Clear printout documents the composition of the ingredients of the analysed refrigerant
- Intelligent triple filter system ensures that no oil enters the lines of the analyser together with the refrigerant and contaminates the unit.
- A maximum of 1.5 g refrigerant is required for the analysis. This not only saves money, but also protects the environment

Data input with CooliusSelect

Intuitive menu navigation and operation with the navigation dial.
Easy to operate even with gloves.

Legally compliant testing

Nitrogen / forming gas check integrated in the device software.
Saves time and ensures binding documentation for the end customer.

Smart documentation

Data are read out and exported via a USB interface (Excel) to document individual services and evaluate the overall refrigerant consumption.

Clean thing

- Automated cleaning of the A/C service unit cycle. Unit is immediately ready for the next A/C service.
- Ready for hybrid and electric vehicles - equipped with 2 fresh 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.
- Additional pressure gauge for displaying the internal refrigerant cylinder pressure

No unauthorised access

Personalised access possible. Personal 4-digit password ensures access by authorised persons only.

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Technical data

Dimensions	680 x 667 x 1175 mm
Weight	90 kg
Casing	Metal with robust plastic cover
Operating Power Supply	230 V / 50 Hz
Operating temperature range	+10 / +49°C
Refrigerant	R1234yf
Refrigerant tank	20 kg
Refrigerant scale	60 kg loadable
Refrigerant analyzer	integrated
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
Large ventilator for safe operation	D 172 mm
High recovery speed by cooling the compressor with a fan	D 172 mm
Monitoring of pressure increase in the A/C system	Automatic
Old oil discharge	Automatic
Old oil bottle capacity - sealed	250 ml
Oil / UV accuracy	± 2 g
Refrigerant recovery and charge accuracy	± 15 g
Vacuum pump capacity	128 l/min
Final pressure (McLeod abs)	0,05 mb
Electronic pressure sensor	Included
PAG / POE oil charge	Automatic
PAG / POE oil bottle capacity	250 ml
UV additive bottle capacity	100 ml
Refrigerant charge	Automatic
Flushing program	Included
Refrigerant management system	Included
Convenient display	4 x 20 characters
Acoustic signal	For errors and hints

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Technical data

Update of the vehicle data base	Via USB port
Set-up of own vehicle data base	Included
Integrated printer	With multiple printing
High pressure and low pressure valves	Electronically controlled
Pressure gauges (pulse free) LP + HP	CL 1.0 / D 80 mm
Pressure gauge for internal refrigerant bottle	CL 2.5 / D 40 mm
Parker quick couplers	SAE J639
Service hoses 3.0 m	SAE J2888
Extension kit service hoses	Optional
Service hoses 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)

Holder for nitrogen / forming gas cylinder (Art. no. W067 100 000)

- For easy attachment of the cylinder to the A/C service unit (incl. holder, screws, connecting hose and retaining strap).

External Analysers for R1234yf (Art. Nr. W067 000 100)

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

Inspector cylinder (Art. Nr. W067 200 002)

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

Extension kit service hoses 3 m (Art. Nr. W067 100 001)

Cover (Art. Nr. 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.