

A/C service unit COOLIUS Y50

Order no. W050 115 030

**REFRIGERANT
R-1234yf**



Powerful and robust premium class A/C service unit for fully automatic A/C service with the refrigerant R-1234yf.

Ideal for service on cars, vans, commercial vehicles, construction vehicles and agricultural vehicles.

Highlights

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, ensures maximum shock reduction and allows easy mobile use

Nitrogen/forming gas test

- Nitrogen/forming gas check integrated in the device software. This ensures binding documentation for the end customer

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

- Automated cleaning of the A/C service unit circuit, making the unit immediately ready for the next Air conditioning service, no matter what type of oil
- Ready for hybrid and electric vehicles - Equipped with 2 fresh oil and 1 UV additive container
- Intelligent ‚Low-Emission‘ concept: Innovative process for waste oil drain ensures the lowest loss of refrigerant. This saves money, ensures safety and protects the environment!
- 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 pressure gauge
- Additional pressure gauge for displaying the internal refrigerant cylinder pressure

No unwanted access

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



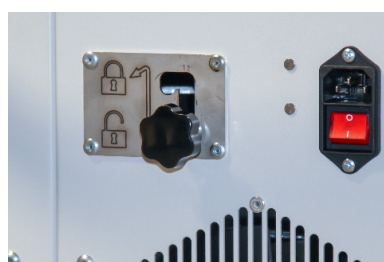
Innovative data input with CooliusSelect

Comfortable menu navigation and operation by navigation wheel



Intelligent ‚Low-Emission‘ concept

Innovative procedure for waste oil drain ensures the lowest refrigerant loss



Smart scales construction

with transport lock for mobile application



Nitrogen / Forming gas test

clearly integrated in the software in compliance with the law



Ready for hybrid and electric vehicles

Equipped with 2 fresh oil and 1 UV additive reservoir

Technical data

Dimensions	680 x 667 x 1175 mm
Weight	90 kg
Casing	Metal with robust plastic cover
Power	230 V / 50 Hz
Operating temperature range	+10 / +49 °C
Refrigerant	R-1234yf
Refrigerant tank	20 kg
Refrigerant scale	60 kg loadable
Max. operating pressure	20 bar
Compressor	3/8 HP
Recovery rate (liquid)	500 g/min
Built in nitrogen test	Automatic (Accessories necessary)
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
Öl / 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
Well-arranged display in four lines	4 x 20 characters
Acoustic signal	For errors and hints
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 tank pressure	CL 2.5 / D 40 mm
Parker quick couplers	SAE J639
Service hoses 3 m	SAE J2888
Extension kit service hoses	Optional
Service hoses compensation	Automatic
Certifications	CE-certification by TÜV Süd

Scope of delivery

A/C service unit COOLIIUS Y50
Service hoses with standard couplers (length 3 m)
Stickers for the various oils and UV additives
Service booklet
Quick start guide (with website link for multi-lingual operating instructions)
Unit familiarisation (optional)
Vehicle fill quantity database

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