

A/C service unit COOLIUS Y10 Rev. 01

Order no. W050 111 039

**REFRIGERANT
R-1234yf**



The COOLIUS Y10 Rev. 01 offers fully automatic air conditioning service with the refrigerant R-1234yf. Like all COOLIUS devices manufactured in Europe, the Y10 Rev. 01 impresses with its low purchase price and high-quality workmanship.

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

Highlights

Efficient in mobile use

- 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
- Device is optimally 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 1x fresh oil, 1x waste oil and 1x 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

Visual status message

- Direct detection of the current process thanks to the LED status bar



Innovative data input with CooliusSelect

Comfortable menu navigation and operation by navigation wheel



Secure scales construction

with transport lock for mobile application



Ready for hybrid and electric vehicles

Equipped with 1x fresh oil, 1x used oil and 1x UV additive reservoir

LED status bar

Colour of the LED status bar	Meaning
The entire bar flashes white	Info message / machine waiting for user action
Part of the bar lights up white	Waiting screen
The entire bar flashes orange	Warning message
The entire bar flashes red	Error message
The entire bar flashes green	Process successfully completed
The entire bar lights up green	Refrigerant recovery / oil drain running
Part of the bar lights up blue	Vacuum running
The entire bar lights up yellow	Oil / UV filling in progress
The entire bar lights up red	Refrigerant charging in progress



Technical data

Dimensions	572 x 545 x 1045 mm
Weight	65 kg
Casing	Metal with robust plastic cover
Power	230 V / 50/60 Hz
Operating temperature range	+10 / +49 °C
Refrigerant	R-1234yf
Refrigerant tank	11 kg
Refrigerant scale	60 kg loadable
Max. operating pressure	20 bar
Compressor	1/3 HP
Recovery rate (liquid)	300 g/min
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 reservoir capacity	250 ml
Öl / UV accuracy	± 2 g
Refrigerant recovery and charge accuracy	± 15 g
Vacuum pump capacity	100 l/min
Final pressure (McLeod abs)	0,05 mb
Electronic pressure sensor	Included
PAG / POE oil charge	Automatic
PAG / POE oil reservoir capacity	250 ml
UV additive reservoir capacity	100 ml

Refrigerant charge	Automatic
Flushing program	Included
Refrigerant management system	Included
Internal flushing for changing oil types	As standard
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
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 Y10 Rev. 01
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?