

## A/C service unit COOLIUS Y10

Order no. W050 111 030

**REFRIGERANT  
R-1234yf**



The COOLIUS Y10 offers fully automatic air conditioning 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
- 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 1 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 pressure gauges

#### 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.



#### Secure scales construction

with transport lock for mobile application



#### Convincing inner values

High quality components for optimal performance



#### Everything at a glance

Quick and easy fault diagnosis with two analogue pressure gauges



#### Ready for hybrid and electric vehicles

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

## Technical data

Dimensions	572 x 545 x 1045 mm
Weight	65 kg
Casing	Metal with robust plastic cover
Power	230 V / 50 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
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 COOLIUS Y10
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?**