

A/C service unit COOLIUS A30

Order no. W050 103 030

**REFRIGERANT
R134a**

CE



Thanks to its large refrigerant storage tank, the COOLIUS A30 enables fully automatic A/C service with the refrigerant R134a. This model is therefore particularly suitable for air conditioning service on vehicles with large-volume air conditioning systems, such as those installed in buses, commercial, rail, agricultural and construction vehicles. The COOLIUS A30 can also be used for air conditioning service on vans and cars.

User-friendly, mobile and efficient, the COOLIUS A30 combines innovative technical equipment with a new design.

Highlights

Innovative CooliusSelect

- Intuitive menu navigation and highly convenient operation thanks to simple dial and press function
- Very fast selection and simple input of all customer and vehicle data possible via a new navigation dial
- Service reports containing all the relevant data can be printed out

Efficient scales construction

- New scales construction in the unit ensures maximum shock reduction in day-to-day workshop use

Cost-saving filter and counter

- Use of high quality and specially matched components allows a long service interval time
- Easy handling for servicing and maintenance work

Fully automatic oil management for exact oil filling

- Suitable for hybrid and electric vehicles or vehicles with electric compressors
- 1 oil reservoir for fresh oil, 1 oil reservoir for used oil and 1 reservoir for UV additives
- Rapid oil grade changing thanks to intelligent internal flushing of the pipe system (PAG to POE oil, etc.), including the service hoses



CooliusSelect: Simple data input thanks to new navigation dial



Additional pressure gauge for monitoring the refrigerant pressure



Equipped with 1 fresh oil reservoir - 1 used oil reservoir - 1 UV additive reservoir



Easy-access filter

Technical data

Dimensions	680 x 667 x 1175 mm
Weight	120 kg
Casing	metal with robust plastic cover
Power	230 V / 50 Hz
Operating temperature range	+10 / +49 °C
Refrigerant	R134a
Refrigerant tank	35 kg
Refrigerant scale	100 kg loadable
Max. operating pressure	20 bar
Compressor	5/8 HP
Recovery rate (liquid)	980 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 reservoir capacity - sealed	1000 ml
Öl / UV accuracy	± 2 g
Refrigerant recovery and charge accuracy	± 50 g
Vacuum pump capacity	170 l/min
Final pressure (McLeod abs)	0,05 mb
Electronic pressure sensor	Included
PAG / POE oil charge	Automatic
PAG / POE oil reservoir capacity	500 ml
UV additive reservoir capacity	250 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 5 m	SAE J2197
Extension kit service hoses	Optional
Service hoses compensation	Automatic
Certifications	CE-certification by TÜV Süd

Scope of delivery

A/C service unit COOLIUS A30
Service hoses with standard couplers (length 5 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?