

# WELCOME TO PROGRESS



Innovative A/C service units and reliable service concepts  
for commercial vehicle workshops



## COOLIUS - quick and reliable A/C service for all commercial vehicles

The COOLIUS series combines tried and tested technical equipment with a new design and easier A/C service. Manufactured in our own production facility in Italy, each individual A/C service unit undergoes a unique quality test and guarantees optimum performance through innovative and high-quality components.

The COOLIUS series comprises a range of A/C service units including comprehensive service concepts for fully automatic air-conditioning service with refrigerants R134a and R-1234yf. All units are based on the same innovative operating concept and equipped with field-tested features.

With its wide range of models, the COOLIUS family allows a variety of applications.



# Highlights that speak for themselves!



## Innovative operation



Intuitive, convenient and quick operation. With the scrolling function of the CooliusSelect, you can select the desired function from the menu with less effort than ever before. Simply press to confirm your selection.

## Quick and easy fault diagnosis



Changing pressure ratios are displayed optimally on high-quality analogue pressure gauges.

## Reliable and mobile use



Scales construction can be operated with one manual action, allowing safe and mobile use of the COOLIOUS units.

## Cost-saving maintenance



The use of premium-quality, specially coordinated components allows long service intervals.

## Fully automatic oil management



Precise and variable oil-filling. An internal flushing function allows simple change of oil grade, e.g. from PAG to POE oil and vice versa. This allows use on all compressor types, including those of hybrid and electric vehicles.

## Convincing quality



High-quality, carefully designed components. All COOLIOUS units are CE-certified by TÜV SÜD. Two fans ensure optimum ventilation, while the cartridge filter is generously dimensioned and has a long service life for continuously perfect results.

## COOLIUS A10

### Ideal for mobile use

The COOLIUS A10 is ideal for fully automatic A/C service with refrigerant R134a. With its compact dimensions, an 11-kg refrigerant tank and easy-to-operate scales lock, the COOLIUS A10 is particularly easy to handle and transport. It is equipped with 3-metre service hoses which can be optionally extended by a further 3 m. Moreover, the COOLIUS A10 can be operated with a voltage transformer for mobile applications.



## COOLIUS A30 BUS

The specialist for large-volume air conditioning systems



The COOLIUS A30 BUS is also designed for fully automatic A/C service with refrigerant R134a. With a refrigerant tank holding 35 kg, high-quality service hoses, 5 m long and optionally extendable, a compressor extraction rate of 1000 g/min and the additional refrigerant pump, the COOLIUS A30 BUS allows quick extraction and filling of large refrigerant quantities. That makes this model particularly suitable for A/C service on buses and other vehicles with large-volume air conditioning systems, for example rail vehicles.

# COOLIUS A50

## Added convenience thanks to innovative technical equipment

The powerful and robust COOLIUS A50 with its 20-kg refrigerant tank is suitable for fully automatic A/C service with refrigerant R134a not only on passenger cars, but also particularly on transporters, commercial vehicles, construction site vehicles and agricultural vehicles. In addition to its proven operating concept, the COOLIUS A50 comes with supplementary technical features which promise extra safety and efficiency.



### Intelligent “Low Emission” concept



Innovative procedure for the draining of used oil minimises refrigerant loss. That cuts costs, ensures safety and protects the environment.

### Legally compliant nitrogen/forming gas testing



Software-integrated nitrogen/forming gas testing ensures reliable documentation for the end customer.

### Additional check



A pressure gauge for display of the internal refrigerant cylinder pressure allows an additional check.

### Ready for hybrid and electric vehicles



With 2 fresh oil reservoirs and 1 UV-additive reservoir, the COOLIUS A50 is ideally suited for A/C service on hybrid and electric vehicles.

# COOLIUS Y10, COOLIUS Y50 and COOLIUS Y50A

For air-conditioning service with refrigerant R-1234yf



The COOLIUS Y units are your powerful partners for A/C service with refrigerant R-1234yf.

The COOLIUS Y10 is especially suitable for mobile A/C service with refrigerant R-1234yf. Like the COOLIUS A10, the COOLIUS Y10 comes with a refrigerant tank holding 11 kg and high-quality 3-metre service hoses. Optional extension of the service hoses and operation with a voltage transformer are also possible with the COOLIUS Y10.



The COOLIUS Y50 and COOLIUS Y50A are the counterparts of the COOLIUS A50 for A/C service with refrigerant R-1234yf. These two units are equipped with the same highlights as the COOLIUS A50 (see page 6) and are thus ideally suited for use on all compressor types as well as on agricultural vehicles.

In addition, the COOLIUS Y50A has an integrated refrigerant analysis device. This prevents contamination of the refrigerant reserve and the resulting high disposal costs. Refrigerant analysis is

possible at a very low pressure of only 500 mbar and requires a maximum of 1.5 g of refrigerant.

All COOLIUS Y units are equipped with an integrated emergency OFF switch to ensure safe handling of the refrigerant R-1234yf.

# Overview of the COOLIUS series



## COOLIUS equipment features

	A10	Y10	A30 BUS	A50	Y50	Y50A
Suitable for R134a	•		•	•		
Suitable for R-1234yf		•			•	•
Internal ventilation system clears the unit of any gases, thus ensuring safe operation	•	•	•	•	•	•
Automatic monitoring of pressure increases after the extraction process	•	•	•	•	•	•
Automatic length compensation of the service hoses	•	•	•	•	•	•
Documentation of refrigerant consumption via refrigerant management system (CSV/Excel)	•	•	•	•	•	•
Creation of own vehicle database	•	•	•	•	•	•
Automatic draining of non-condensing gases from the internal refrigerant cylinder	•	•	•	•	•	•
Electronically controlled opening/closing of the high- and low-pressure valves	•	•	•	•	•	•
Integrated printer with multiple printing of the operations performed and personalised print-out	•	•	•	•	•	•
Clear, 4-line graphic display; shows all measured values and data	•	•	•	•	•	•
Acoustic signal in the event of errors or messages	•	•	•	•	•	•
High compressor extraction rate allows recovery of almost 100% of the refrigerant charge	•	•	•	•	•	•
Database updates via USB port	•	•	•	•	•	•
Personalised 4-digit password ensures access by authorised persons only	•	•	•	•	•	•
Can be operated with a voltage transformer	•	•				
With additional refrigerant pump and extra-powerful compressor for large-volume A/C systems			•			
Intelligent internal flushing program for the pipe system and the service hoses	•	•	•	•	•	•
Includes comprehensive database for lorries, agricultural machinery and cars	•	•	•	•	•	•
Nitrogen/forming gas test integrated in the unit software ensures reliable documentation for the end customer				•	•	•
Service hoses with standard quick-couplers (5 m)			•			
Service hoses with standard quick-couplers (3 m)	•	•		•	•	•
Extension kit for service hoses (3 m) available as an option	•	•	•	•	•	•

Welcome to progress.

WABCOWÜRTH Workshop Services GmbH  
 Schliffenstraße 22 | 74653 Künzelsau  
 T +49 7940 981863 0 | F +49 7940 981863 5555  
 info@wabcowuerth.com | www.wabcowuerth.com



© by WABCOWÜRTH Workshop Services GmbH. All rights reserved.  
 Reproduction, even of excerpts, only with approval. D 10/2018  
 We reserve the right to make modifications to our products in the interest  
 of quality improvement at any time and without prior notice. Errors and  
 omissions excepted. Our General Business Terms and Conditions apply.