

**#VEHICLE
EXPERTEERS**



**WOW! COOLIUS
AIR CONDITIONING SERVICE UNITS**
**Powerful and robust for the refrigerants
R134a, R1234yf and R744**

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Further information is available at
www.wow-portal.com/en/coolius





**It's hard to imagine modern vehicles
without air conditioning and thermal management systems.**

**Powerful and robust air conditioning service units for A/C system and heat pump
maintenance with refrigerants R134a, R1234yf and R744 are essentials.**

COOLIUS AIR CONDITIONING SERVICE SYSTEMS

**secure your income and take care of the A/C service
on customer vehicles in no time at all.**

**FULLY AUTOMATIC, TIME-SAVING AND
THEREFORE EXTREMELY ECONOMICAL.**

5 GOOD REASONS FOR THE A/C SERVICE SYSTEMS WOW! COOLIUS

Everything from a single source

From our own development, to manufacturing in Italy, to initial instruction in the workshop. You get everything from a single source, for your work on air conditioning and thermal management systems.

Profitable concept for your workshop

Due to the constantly growing market requirements, we continue to develop our COOLIUS air conditioning service systems in cooperation with you.

Your comprehensive and competent service

No matter how and where, you will receive support from instruction to repair and beyond – that is a given standard for us.

Future-proof investment for today and tomorrow

The right tool for every request. Especially the growing demands in terms of e-mobility require flexible tools. With COOLIUS, you rely on the right devices.

Economically and ecologically a win for you

A fully automatic, time-saving system for all vehicle types is good for the workshop budget and also has an almost 100 percent refrigerant recovery.



* Only applies to the 50 series.



SELECTED HIGHLIGHTS OF THE COOLIUS SERIE

- Ready for hybrid, electric and combustion vehicles
- Unique mobility thanks to compact dimensions, possible operation with voltage transformer and toolless scale locking system *
- Refrigerant recovery of almost 100 %
- Use of high-quality components for long service life
- Thanks to excellent service and possible maintenance agreements, long-term functionality is guaranteed

* Does not apply to COOLIUS A30.

THE COOLIUS 10 SERIES

User-friendly and mobile
companions for small and
medium-sized systems.



COOLIUS A10

Art. no. W050 101 000

For refrigerant R134a



www.wow-portal.com/a10



YOUR MOBILE COMPANIONS

Compact design with comprehensive
standard equipment such as
internal / external flushing function.

COOLIUS Y10

Art. no. W050 111 000

For refrigerant R1234yf



www.wow-portal.com/y10

How about the
WOW! DOUBLE PACK set?

Art. no. W050 199 000

Carry out two A/C services
at the same time with these two
cool models at a package price
(COOLIUS A10 & Y10)

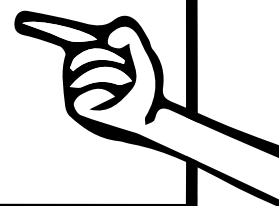
WOW! COOLIUS 10 SERIES

The 10 series is suitable, for example, for

- cars
- vans
- commercial vehicles
- construction vehicles
- agricultural vehicles

The key features of the 10 series are

- mobile use
- compact design
- suited for hybrid, electric and combustion vehicles
- internal and external* flushing function for easy oil grade change
- tool-less cart locking system
- optional external refrigerant identifier (A10, Y10)



* The required accessories are available from WOW!

Highlights of the COOLIUS 10 series

Ideal for mobile use

Innovative scale fuse.
Operation possible with voltage converter.

No unauthorised access

Personalised access possible.
Personal 4-digit password ensures access by authorised persons only.

YOUR GAIN IN FIGURES

Exemplary amortisation calculation

for air conditioning service with the COOLIUS A10
for refrigerant R134a in Germany

**Amortisation after
only 2 A/C services
per month!**



Acquisition costs incl. initial training

Acquisition cost or	3,541.36 €
Monthly leasing rate (duration 4 years)	93.85 €

Variable costs per A/C service

Refrigerant (150 g)	- € 4.49
Expendable materials	- € 5.00
Personnel costs (approx. 10 min.)	- € 13.33
Maintenance costs with maintenance agreement	- € 5.98

Selling price to end customer (net)	+ € 84.03
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Your profit

per A/C service (with the COOLIUS A10)	+ € 55.23
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THE COOLIUS A30

The user-friendly and efficient unit for large-volume systems.



COOLIUS A30

Art. no. W050 103 000

For refrigerant R134a



www.wow-portal.com/a30



THE BIG BROTHER

For large-volume systems,
with additional
refrigerant pump.

Highlights of the COOLIUS A30

Clever documentation

Data is read out and exported via a USB interface to document individual services and evaluate the overall refrigerant consumption.

A clean solution

Automated cleaning of the A/C service unit cycle and quick oil grade change.

Data input with CooliusSelect

Intuitive menu navigation and operation with the navigation dial. Easy to operate, even with gloves.

Service-friendly components

Use of high-quality and specially matched components for long service lives and service intervals.

WOW! COOLIUS A30

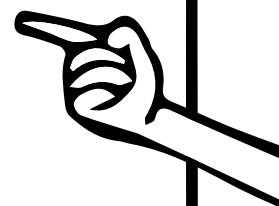
The COOLIUS A30 is suitable, for example, for

Medium to large systems:

- buses
- rail vehicles
- agricultural vehicles
- construction vehicles
- commercial vehicles
- vans
- cars

The key features of the COOLIUS A30 are

- suited for large-volume air conditioners
- suited for hybrid, electric and combustion vehicles
- high filling and extraction capacity
- internal and external* flushing function for easy oil grade change
- **liquid filling pump** ensures rapid filling of the system with large quantities of refrigerant
- optional external refrigerant identifier



* The required accessories are available from WOW!

COOLIUS PORTAL

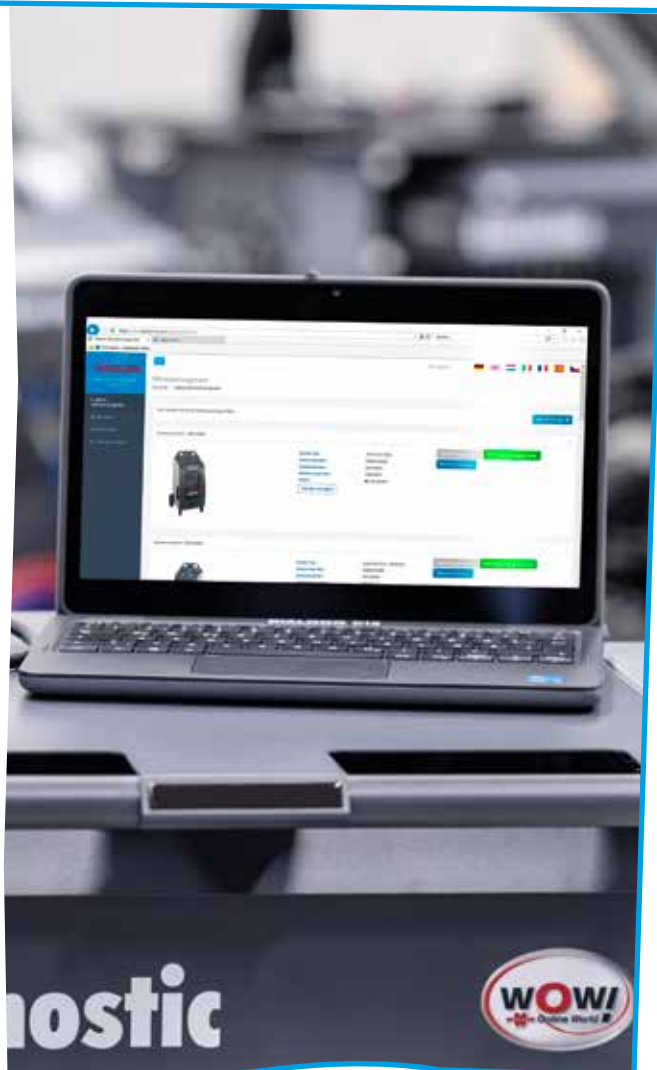
Your device platform

➔ **Overview of all A/C service units used in your workshop.**
Registration of the units means that all important documents and useful information regarding your COOLIUS units is saved (e.g. in a unique BUS database).

➔ **Whatever you want to know about your A/C service unit, you will find it in the COOLIUS portal.**
Instruction manual, firmware and software updates, certification documents, vehicle database and available spare parts.

➔ **The COOLIUS portal is always up to date.**
You can obtain all updates, e.g. for the database, via the COOLIUS portal. Every new detail about your device is entered in the portal for you.

To the COOLIUS portal:
www.coolius-ac.com



THE COOLIUS 50 SERIES

**Our all-round carefree systems
for small to medium-sized systems
with a wide range of standard equipment.**



WOW! COOLIUS 50 SERIES

COOLIUS A50

Art. no. W050 105 000

For refrigerant R134a



www.wow-portal.com/a50



COOLIUS Y50

Art. no. W050 115 000

For refrigerant R1234yf



www.wow-portal.com/y50

THE ALL-ROUND CAREFREE SYSTEM

With integrated
function for
nitrogen or
forming gas test
with two oil reservoirs
for simple oil grade
change.

COOLIUS Y50A

Art. no. W050 115 020

For refrigerant R1234yf



www.wow-portal.com/y50a



The analyst with
integrated analysis!

WOW! COOLIUS 50 SERIES

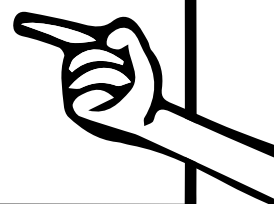
The COOLIUS 50 series is suitable, for example, for

Small to medium-sized systems:

- cars
- vans
- commercial vehicles
- construction vehicles
- agricultural vehicles
- forestry vehicles
- trains

The key features of the 50 series are

- large internal tank volume for many services
- nitrogen and forming gas test
- suitable for hybrid, electric and combustion vehicles
- high filling and recovery rate
- internal and external* flushing function for easy oil grade change
- internal analysis (Y50A)
- optional external refrigerant identifier (A50, Y50)



* The required accessories are available from WOW!

Highlights of the COOLIUS 50 series

Low emission concept

Innovative old oil discharge procedure for smallest possible refrigerant loss. The unit protects ensures safety and also saves money.

No unauthorised access

Personalised access possible. Personal 4-digit password ensures access by authorised persons only.

Service-friendly components

Use of high-quality and specially matched components for long service lives and service intervals.

Data input with CooliusSelect

Intuitive menu navigation and operation with the navigation dial. Easy to operate, even with gloves.

Clever documentation

Data are read out and exported via a USB interface to document individual services and evaluate the overall refrigerant consumption.

Legally compliant testing

Nitrogen / forming gas test integrated into the unit software. Saves time and money and ensures binding documentation for the end customer.

Optimal control

Analogue instruments for pressure control.

A clean solution

Automated cleaning of the A/C service unit cycle and for quick oil grade change.

WOW! COOLIUS 50 SERIES

Your gain in figures

Exemplary amortisation calculation

for an air conditioning service with the COOLIUS Y50A
for refrigerant R1234yf in Germany

**Amortisation after
only 2 A/C services
per month!**



Acquisition costs incl. initial training

Acquisition cost or	6,818.28 €
Monthly leasing rate (duration 4 years)	180.68 €

Variable costs per A/C service

Refrigerant (100 g)	- € 6.98
Expendable materials	- € 5.00
Personnel costs (approx. 10 min.)	- € 13.33
Maintenance costs with maintenance agreement	- € 2.75

Selling price to end customer (net)	+ € 126.05
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Your profit

per A/C service (with the COOLIUS Y50A)	+ € 97.99
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THE COOLIUS SERIES FOR CO₂

Our fully automatic systems
for thermal management
of CO₂ heat pumps and
CO₂ air conditioning systems.



COOLIUS C20

Art. no. W050 122 000

Fully automatic, time-saving system for
small-volume thermal management
systems with refrigerant R744.



www.wow-portal.com/c20

COOLIUS C40

Art. no. W050 140 000

The big brother of the C20, for
large-volume R744 thermal
management systems.

**THE NEW
GENERATION
FOR THERMAL
MANAGEMENT
SYSTEMS**



WOW! COOLIUS FOR CO₂

Your gain in figures

Exemplary amortisation calculation

for air conditioning service with the COOLIUS C20
for refrigerant R744 in Germany

**Amortisation after
only 2 A/C services
per month!**



Acquisition costs incl. initial training

Acquisition cost or	6,160.00 €
Monthly leasing rate (duration 4 years)	163.24 €

Variable costs per A/C service

Refrigerant (500 g)	- € 16.36
Consumables	- € 5.00
Personnel costs (approx. 20 min.)	- € 26.67
Maintenance costs with maintenance agreement	- € 5.50

Selling price to end customer (net)	+ € 151.26
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Your profit

per A/C service (with the COOLIUS C20)	+ € 97.73
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No air conditioning / heat pump maintenance without vehicle diagnosis!

Nowadays, for professional air conditioning service, you also need multi-brand diagnosis with which, for example, existing safety and control valves can be switched to a service mode.

With the **WOW! DIALOOQ diagnostic system**, you can perform these tasks in no time. And it goes without saying that it can also be used to carry out many other diagnosis and service tasks in the field of thermal management and air conditioning.



ELECTROMOBILITY WITH WOW!

The WOW! diagnostics and air conditioning service systems provide you with everything you need as a VEHICLE EXPERT in the field of electromobility.

Profitable work on high-voltage vehicles with the WOW! DIAL00Q diagnosis system

- coverage of 320+ different vehicle models from 38+ manufacturers in the high-voltage range*
- Tesla as a manufacturer with the Model S [2012-] and Model X [2015-]
- "High voltage / hybrid" button for rapid detection of a possible battery electric vehicle (BEV) or hybrid vehicle
- battery status test
- diagnostic activation and reactivation process: diagnostic disconnection and connection of the high-voltage system
- highlight function "Flight recorder" enables monitoring and testing of the electric drivetrain while driving



Stay cool when it comes to A/C services with the WOW! COOLIUS air conditioning service systems

- ready for hybrid, electric and combustion vehicles
- ready for thermal management systems (COOLIUS C20 and Y series)
- permanent leak monitoring and ~100% refrigerant recovery with maximum efficiency (COOLIUS A and Y series)



Further information is available at
www.wow-portal.com/emobility

* As of January 2025.

www.wow-portal.com

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**WOW! OFFERS MORE
FOR YOUR
WORKSHOP!**



www.wow-portal.com



WOW! COOLIUS ACCESSORIES

Disposal kit

For the disposal of contaminated refrigerant with hand pump, 2 hoses and bottle.

Art. no. W067 200 026



Flushing kit

Allows flushing of the vehicle A/C system with refrigerants R134a and R1234yf.*

Art. no. W067 100 010

Holder for flushing kit COOLIUS
Art. no. W067 100 135

* In some cases, R744 systems are also flushed with the refrigerants named above. (Depending on manufacturer's specifications.)



Adapter sets for flushing kit

Allows jumpering of the compressor connections.

See overview lists for details of the available adapter kits.

To the overview:

www.wow-portal.com/flushingkit



Cover

Protects your A/C service unit in the workshop from dirt and dust.

Art. no. W067 100 003
for 30 and 50 series units

Art. no. W067 100 002
for 10 series units



External analysis unit

Enables easy identification of the refrigerant in the vehicle air conditioning system.

Art. no. W067 000 100
for refrigerant R1234yf

Art. no. W067 000 101
for refrigerant R134a



Maintenance agreement

Annual execution by our technicians (incl. material, travel and working time).

Art. no. 0900 400 159
for A10, Y10, A50, Y50

Art. no. W750 000 005
for A30

Art. no. W750 000 003 or
Art. no. W750 000 004
for Y50A



Holder for nitrogen / forming gas cylinder

For easy attachment of the cylinder to the A/C service unit (incl. holder, screws, connecting hose and retaining strap).

Art. no. W067 100 000



Extension kit service hoses, 3 m

Art. no. W067 100 001
for refrigerant R1234yf

Art. no. W067 200 030
for refrigerant R134a



Inspection cylinders

For checking the oil quality in the air conditioning system and protecting the A/C service unit.

Art. no. W067 400 004
for refrigerants R1234yf and R134a



Hermetically sealed oil container

- For easy retrofitting of COOLBUS A/C service units.
- Meets the requirements and recommendations of the vehicle manufacturers.

Art. no. W052 100 170
Matching WOW! adapter set

Art. no. 0892 764 072
PAG 46 Premium Airco-Bag 150 ml




Art. no. 0892 764 073
PAG 100 Premium Airco-Bag 150 ml



Art. no. 0892 764 074
POE 100 Airco-Bag 150 ml

Art. no. 0892 764 071
Leak detection additive
Airco-Bag 150 ml



Overview of the WOW! COOLIUS air conditioning service systems

	A10	A30	A50
			
Refrigerant	R134a		
Dimensions	572 x 545 x 1045 mm	680 x 667 x 1175 mm	680 x 667 x 1175 mm
Weight	65 kg	120 kg	90 kg
Casing	Metal with robust plastic cover	Metal cover	Metal with robust plastic cover
Operating voltage	230 V / 50/60 Hz	230 V/50 Hz	230 V / 50/60 Hz
Operating temperature range	+10/+49°C	+10/+49°C	+10/+49°C
Total volume	11 kg	35 kg	20 kg
Refrigerant scales	60 kg loadable	100 kg loadable	60 kg loadable
Refrigerant analyser	-	-	-
Max. operating pressure	20 bar	20 bar	20 bar
Compressor	1/3 HP	5/8 HP	3/8 HP
Recovery rate (liquid)	300 g/min	980 g/min	500 g/min
Nitrogen / forming gas test	-	-	Automatic (accessories required)
Non-condensable gas discharge	Automatic	Automatic	Automatic
Main filter dryer (1 piece)	Type 660 Coaxial	Type 660 Coaxial	Type 660 Coaxial
Fan for safe operation	D 172 mm	D 172 mm	D 172 mm
Recovery speed by cooling the compressor with fan	D 172 mm	D 172 mm	D 172 mm
Pressure increase monitoring	Automatic	Automatic	Automatic
Old oil discharge	Automatic	Automatic	Automatic
Old oil bottle capacity	250 ml	1000 ml	250 ml
Oil / UV accuracy	± 2 g	± 2 g	± 2 g
Refrigerant recovery and filling accuracy	± 15 g	± 50 g	± 15 g
Vacuum pump capacity	100 l/min	170 l/min	128 l/min
Final pressure (McLeod abs)	0.05 mb	0.05 mb	0.05 mb
Electronic pressure sensor	Integrated	Integrated	Integrated
Fresh oil filling	Automatic	Automatic	Automatic
Fresh oil PAG / POE bottle content	250 ml	500 ml	250 ml
UV additive, bottle content	100 ml	250 ml	100 ml
Refrigerant filling	Automatic	Automatic	Automatic
Internal flushing for oil grade change	As standard	As standard	As standard
Flushing the vehicle A/C systems	As standard	As standard	As standard
Refrigerant management system	Integrated	Integrated	Integrated
Display	4 x 20 characters	4 x 20 characters	4 x 20 characters
Acoustic signal	For errors and hints	For errors and hints	For errors and hints
Update of vehicle database	Via USB port	Via USB port	Via USB port
Creation of own vehicle database	Option	Option	Option
Integrated printer	With multiple printing	With multiple printing	With multiple printing
High pressure and low pressure valves	Electronically controlled	Electronically controlled	Electronically controlled
Pressure gauge (pulse free) LP + HP	Class 1.0/D 80 mm	Class 1.0/D 80 mm	Class 1.0/D 80 mm
Pressure gauge for internal refrigerant bottle	-	Class 2.5/D 35 mm	Class 2.5/D 35 mm
Quick couplers	SAE J639	SAE J639	SAE J639
Service hoses 3 m	SAE J2197	SAE J2197	SAE J2197
Extension kit for service hoses	Available as an option	Available as an option	Available as an option
Service hose length compensation	Automatic	Automatic	Automatic
Certifications	CE certification by TÜV Süd	CE certification by TÜV Süd	CE certification by TÜV Süd

Y10		Y50		Y50A	
R1234yf					
572 x 545 x 1045 mm		680 x 667 x 1175 mm		680 x 667 x 1175 mm	
65 kg		90 kg		90 kg	
Metal with robust plastic cover		Metal with robust plastic cover		Metal with robust plastic cover	
230 V / 50/60 Hz		230 V / 50/60 Hz		230 V / 50/60 Hz	
+10/+49°C		+10/+49°C		+10/+49°C	
11 kg		20 kg		20 kg	
60 kg loadable		60 kg loadable		60 kg loadable	
-		-		Integrated	
20 bar		20 bar		20 bar	
1/3 HP		3/8 HP		3/8 HP	
300 g/min		500 g/min		500 g/min	
-		Automatic (accessories required)		Automatic (accessories required)	
Automatic		Automatic		Automatic	
Type 660 Coaxial		Type 660 Coaxial		Type 660 Coaxial	
D 172 mm		D 172 mm		D 172 mm	
D 172 mm		D 172 mm		D 172 mm	
Automatic		Automatic		Automatic	
Automatic		Automatic		Automatic	
250 ml		250 ml		250 ml	
± 2 g		± 2 g		± 2 g	
± 15 g		± 15 g		± 15 g	
100 l/min		128 l/min		128 l/min	
0.05 mb		0.05 mb		0.05 mb	
Integrated		Integrated		Integrated	
Automatic		Automatic		Automatic	
250 ml		250 ml		250 ml	
100 ml		100 ml		100 ml	
Automatic		Automatic		Automatic	
As standard		As standard		As standard	
As standard		As standard		As standard	
Integrated		Integrated		Integrated	
4 x 20 characters		4 x 20 characters		4 x 20 characters	
For errors and hints		For errors and hints		For errors and hints	
Via USB port		Via USB port		Via USB port	
Option		Option		Option	
With multiple printing		With multiple printing		With multiple printing	
Electronically controlled		Electronically controlled		Electronically controlled	
Class 1.0/D 80 mm		Class 1.0/D 80 mm		Class 1.0/D 80 mm	
-		Class 2.5/D 35 mm		Class 2.5/D 35 mm	
SAE J639		SAE J639		SAE J639	
SAE J2888		SAE J2888		SAE J2888	
Available as an option		Available as an option		Available as an option	
Automatic		Automatic		Automatic	
CE certification by TÜV Süd		CE certification by TÜV Süd		CE certification by TÜV Süd	

MORE WOW! MOMENTS

FOR MORE WORKSHOP SUCCESS



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www.wow-portal.com



Further information is available at
www.wow-portal.com/en/coolius

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