

ACM3000-ROBDB and ACM3000yf-ROB

Automatic air conditioning service unit

The ACM3000-ROB and ACM3000yf are our starter models for air conditioning specialists. They offer all the basic functions and necessary performance for the professional working with R134a and R1234yf based air conditioning systems. The units carry out automatic refrigerant recovery, recycling and filling and guarantees the quick, complete drying of the system. An optional printer is also available to create detailed reports.

Highlights:

- > Automatic service process
- > Single service process selectable
- > Oil injection bottle
- > Integrated database for car, truck and commercial vehicle
- > Automatic purge of non condensable gas
- > Easy internal filter maintenance
- > Accessible vacuum pump for easy oil change
- > Printer (optional)

ACM3000-ROBDB (SP01000023): Automatic AC unit R134a

ACM3000-ROBUK (SP01000024): Automatic AC unit R134a (UK Plug)

ACM3000yf-ROB (SP01000037): Automatic AC unit R1234yf

ACM3000yf-PROB (SP01000038): Automatic AC unit R1234yf with printer

ACM3000yf-ROBUK (SP01000040): Automatic AC unit R1234yf (UK plug)



**Automatic AC
unit with the
fastest return
of investment**



Technical data, primary functions

	AC695PRO	AC690PRO	AC595PRO
Refrigerant Type	R134a	R134a	R134a
Operating mode	Full automatic	Full automatic	Full automatic
Functions			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 95%	> 95%	> 95%
Refrigerant identifier	No	No	No
Waste oil recovery	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Vacuum	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	No	No	No
Pressure leak test (N2 / N2H2)	No	No	No
Hybrid A/C system ready	Yes	No	No
Oil injection	PAG / POE Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
UV dye injection	Automatic	Automatic	Automatic
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Flushing function	Yes (via optional kit)	Yes (via optional kit)	Yes (via optional kit)
Embedded printer	Yes	Yes	Yes
Air purge system	Automatic	Automatic	Automatic
Technical specification			
HP & LP panel valves	Valveless	2	2
HP & LP pressure gauges	80 mm pulse-free Class 1	80 mm pulse-free Class 1	80 mm pulse-free Class 1
Tank pressure gauges	40 mm	40 mm	40 mm
Service hoses length	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m and 5m extensions optional)
Display	Backlit LCD	Backlit LCD	Backlit LCD
Compressor	3/8 HP	3/8 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	170 l/min (6 CFM)	71 l/min (3 CFM)
Refrigerant tank capacity	20 kg	20 kg	8 kg
New oil bottles	2 x 250 ml	1 x 250 ml	1 x 250 ml
Waste oil bottles	1 x 250 ml	1 x 250 ml	1 x 250 ml
Uv dye bottle	1 x 50 ml	1 x 50 ml	1 x 50 ml
Dimensions in cm	128 x 69 x 69	128 x 69 x 69	128 x 69 x 69
Weight	110 kg	110 kg	100 kg
Power Supply	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
Accessories			
Vehicle database	Yes	Yes	Yes
Programmable user database	Yes	Yes	Yes
A/C system performance test	Option	Option	Option
Vehicle flushing adapters set	Optional kit	Optional kit	Optional kit
USB connection	No	No	No
Wireless connection	No	No	No

	AC590PRO	AC790PRO	ACM3000yf-ROB / ACM3000-ROBDB
Refrigerant Type	R134a	R134a	R1234yf / R134a
Operating mode	Automatic	Automatic	Automatic
Functions			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 95%	> 95%	> 95%
Refrigerant identifier	No	No	No
Waste oil recovery	Automatic	Automatic	Automatic
Vacuum	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	No	No	No
Pressure leak test (N2 / N2H2)	No	No	No
Hybrid A/C system ready	No	No	No
Oil injection	Manual (via Keypad)	Manual (via Keypad)	Manual (via Keypad)
UV dye injection	No	No	No
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale and Charge pump	Automatic with electronic scale
Flushing function	Yes (via optional kit)	Yes (via optional kit)	No
Embedded printer	Optional	Yes	ACM3000yf-PROB
Air purge system	Automatic	Automatic	Automatic
Technical specification			
HP & LP panel valves	2	2	2
HP & LP pressure gauges	80 mm pulse-free Class 1	80 mm pulse-free Class 1	80 mm pulse-free Class 1
Tank pressure gauges	40 mm	40 mm	40 mm (ACM3000-ROBDB)
Service hoses length	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m extensions optional)	2.5 m
Display	Backlit LCD	Backlit LCD	Backlit LCD
Compressor	3/8 HP	1/2 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	283 l/min (10 CFM)	71 l/min (3 CFM)
Refrigerant tank capacity	20 kg	35 kg (40 l)	8 kg
New oil bottles	1 x 250 ml	1 x 2000 ml	1 x 250 ml
Waste oil bottles	1 x 250 ml	1 x 2000 ml	1 x 250 ml
Uv dye bottle	No	No	No
Dimensions in cm	128 x 69 x 69	128 x 69 x 69	55x52x95
Weight	110 kg	120 kg	60 kg
Power Supply	230 V 50/60 Hz	230 V 50 Hz	230 V 50/60 Hz
Accessories			
Vehicle database	Yes	Yes	Yes
Programmable user database	Yes	Yes	No
A/C system performance test	Option	Option	No
Vehicle flushing adapters set	Optional kit	Optional kit	No
USB connection	No	No	No
Wireless connection	No	No	No