

R1234YF AC 600 AUTOMATIC RECYCLING, RECHARGING, RECOVERY

AC SERVICE MACHINE - AC600

The model AC600 has 99% recovery efficiency for standard and hybrid vehicles and fully automatic function.

The AC600 machine recover, recycle, evacuate, and recharge R-1234yf with improved 99% efficiency. It has automatic refrigerant refill and oil drain/inject. AC600 also built-in comprehensive oil capacities database for all vehicle and built-in thermal printer.

Features

- Automatic recovery/recycling.
- Automatic discharging used oil/oil drain.
- Automatic vacuum
- Automatic new oil injection
- Automatic recharging with onboard tank
- Comprehensive A/C capacity database
- Automatic protection programs and audible alarms
- Onboard electronic scales
- Built in thermal printer
- Tank installed internally
- Vacuum leak test

Specifications

- Work with R-1234yf refrigerant
- Input power: AC110V 60Hz
- Compressor: 3/8HP
- Average state refrigerant recovery speed: 0.55LBS/Min Recovery rate: 99%
- Drying filter: 20 Oz
- Vacuum pump capacity: 16Gal/ min
- Load cell accuracy (gas cylinder): $\pm 10g$
- Gas cylinder volume: 22 LBS
- New/used oil bottle capacity: 8.9/13.5Oz Max. working pressure: 290 PSI
- Color screen: 4.3-inch, 480 RGB*272 Dots Dimension: 24" * 24.4" * 41.2" (WxDxH)



Interfaces

Tank fill R-134a

Connect equipment with external tank through tank fill fitting. open external tank valve

Tank fill: 4.000 Kg

Ser: 599 Total refrigerant: 0.037Kg

Recovery R-134a

Recovery: 0.00 Kg

Total refrigerant: 0.034Kg

Ser: 600

Auto mode R-134a

Vacuum: 8 Min

Leak test: No

Auto oil injection: No

Oil injection: 0 ml

Charge: 0.50 kg

Charge by database

Total refrigerant: 0.20KG

Ser: 584

Oil injection R-134a

Hose flush: No

Oil volume set: 0 ml

Inject oil by pressing ➡

Ser: 599 Total refrigerant: 0.037Kg

A/C Service Station R-134a

Recovery Vacuum Oil Inj. Charge

Auto mode Tank fill Settings

Ser: 599 Total refrigerant: 0.040Kg

ENTER EXIT

Charge R-134a

Charge port: HP

Charge hose purge: Yes

Total refrigerant: 0.031 Kg

Ser: 599

Database R-134a

CADILLAC (BLS)

CADILLAC (CTS)

CADILLAC (STS)

CAPTIVA (PETROL)

CAPTIVA (DIESEL)

Database R-134a

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	Protec	Protec	Protec	RobinAir	RobinAir	RobinAir	RobinAir
Functions/Specifications	AC-200	AC-400	AC-600	34788NI	34988	AC1234yf-4	AC1234yf-6
Image							
Price	\$2,995	\$3,495	\$4,495	\$5,995	\$6,995	\$7,995	\$8,995
Refrigerant gas type	R134a	R134a	R1234yf	R134a	R134a	R1234yf	R1234yf
Integrated refrigerant identifier	N/A	N/A	N/A	N/A	N/A	✓	✓
Flush(Unidirectional & Bidirectional)	Optional	Optional	Optional	flush adaptor excluded	flush adaptor excluded	flush adaptor excluded	flush adaptor excluded
Fully automatic	✓	✓	✓	✓	✓	✓	✓
Inbuilt database	✓	✓	✓	Optional	Optional		
UV dye injection	Optional	Optional	Optional	N/A	✓		
Vacuum leak test	N/A	✓	✓	✓	✓	✓	✓
Automatic air purge	✓	✓	✓	✓	✓	✓	✓
Refrigerant quality monitoring vision window integrated	Optional (flush)	Optional (flush)	Optional (flush)	N/A	N/A	N/A	N/A
Display	Multilingual, 4.3-inch LCD	Multilingual, 4.3-inch LCD	Multilingual, 4.3-inch LCD	4.3-inch LCD	7-inch LCD	4.3-inch LCD	5.7-inch LCD
Automatic service reminding	✓	✓	✓	✓	✓	✓	✓
Heater band	✓	✓	✓	✓	✓	✓	✓
Hand valves free	✓	✓	✓	✓	✓	✓	✓
Printer	N/A	✓	✓	Optional	✓	Optional	✓
Visual & Audible Alarm	✓	✓	✓	✓	✓	✓	✓
Pressurization to speed up used oil discharge	✓	✓	✓	✓	✓	✓	✓
Vacuum Feature	Defaults to 8 mins, programmable up to 60 mins	Defaults to 8 mins, programmable up to 60 mins	Defaults to 8 mins, programmable up to 60 mins	Defaults to 15 mins, programmable up to 99 mins	Defaults to 15 mins, programmable up to 99 mins		
Condenser and cooling fan included	✓	✓	✓	✓	✓	✓	✓
Recovery Performance	>95%	>95%	>95%	>95%	>95%	98.50%	98.50%
Gas cylinder capacity	10kgs	10kgs	10kgs	10kgs	13.6Kgs	9.5kgs	9.09kgs
Refrigerant hose (length)	10'	10'	10'	8'	9'	9'	8'
Vacuum pump	2.0 cfm, 15Gal/Min	2.0 cfm, 15Gal/Min	2.0 cfm, 15Gal/Min	11 Gal/Min	1.5 cfm dual stage, 29.9 InHg	1.5 cfm dual stage, 11Gal/Min	1.5cfm dual stage, 9Gal/Min
Compressor	3/8hp, pressure protected, oiled	3/8hp, pressure protected, oiled	3/8hp, pressure protected, oiled	3/8hp, pressure protected, oiled	3/8hp, pressure protected, oiled	1/3 hp hermetic	1/3 hp hermetic
Max. pressure	290 PSI	290 PSI	290 PSI	390 PSI	390 PSI	450 PSI	360 PSI
Input power	110V±10%, 60Hz	110V±10%, 60Hz	110V±10%, 60Hz	115V 60Hz	115V 60Hz	103V~127V, 60 Hz	103V~127V, 60 Hz

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