



AC-050

Automatic Refrigerant Refill & Recovery Machine



Main Functions

- Tank fill
- Recovery
- Vacuum
- Oil injection
- Charge
- Fully automatic

Optional

- AC 110V; 60Hz
- Flush, compressor recovery
- HFO-1234yf



- Heater band
- Hand valves free
- Ample database, free update
- Highly integrated pipeline manifold
- Condenser and cooling fan included
- Pressurization to speed up used oil discharge
- Automatic service reminding. The equipment provides 600 operations totally (each recovery or vacuum counts for one operation, and automatic mode counts for 2 operations) between regular maintenance, when 480 operations have been made, the machine automatically reminds to call distributor for service; when 600 operations have been made, the machine cannot be used unless service is done.

Technical Parameter

Input power	AC220V±10%~50/60Hz
Recovery rate	≥95%
Compressor power	3/8HP
Vacuum pump capacity	60L/min
Accuracy of gas cylinder load cell	±10g
Gas cylinder capacity	10KG
New/used oil bottle capacity	250ml/400ml
Max pressure	20bar
Charge speed	2Kg/Min(max.)
Screen	Touch display
High pressure gauge range	-1~30bar
Low pressure gauge range	-1~16bar
Average gas state refrigerant recovery speed	250g/min
Package	750*670*1160mm
Unpacked	630X670X1060mm



AC-050-Dual

Automatic Refrigerant Refill & Recovery Machine
For both R-134a and HFO-1234yf



Main Functions

- Tank fill
 - Recovery
 - Vacuum
 - Oil injection
 - Charge
 - Fully automatic
-
- A/C database included, free update through USB port
 - Dual tank equipped
 - Automatic service reminding
 - Loss of refrigerant during refrigerant change is minimized



FCAR AC-050-dual is an ideal option for workshops that have requirements of handling both R-134a and HFO-1234yf refrigerants. The loss of refrigerant is minimized to less than 50 gram at shifting from one refrigerant to another, and deep internal evacuation ensures zero cross contamination between two refrigerants. The machine is equipped with 2 refrigerant tanks, which saves the operators' time of replacing tanks.

Technical Parameter

Input power	AC220V±10%~50/60Hz
Recovery rate	≥95%
Compressor power	3/8HP
Vacuum pump capacity	60L/min
Accuracy of gas cylinder load cell	±10g
Gas cylinder capacity	10KG
New/used oil bottle capacity	250ml/400ml
Max pressure	20bar
Charge speed	2Kg/Min(max.)
Screen	Touch display
High pressure gauge range	-1~30bar
Low pressure gauge range	-1~16bar
Average gas state refrigerant recovery speed	250g/min
Package	750*670*1160mm
Unpacked	630X670X1060mm



AC-060

Automatic Refrigerant Refill & Recovery Machine



Main Functions

- Tank fill
- Recovery
- Vacuum
- Oil injection
- Charge
- Fully automatic
- R134a

Optional

- Flush, compressor oil recovery
- Vacuum leak test
- 120L/min vacuum pump
- UV dye injection



- Heater band
- Hand valves free
- Ample database, free update
- Highly integrated pipeline manifold
- Condenser and cooling fan included
- Pressurization to speed up used oil discharge
- Automatic service reminding. The equipment provides 600 operations totally (each recovery or vacuum counts for one operation, and automatic mode counts for 2 operations) between regular maintenance, when 480 operations have been made, the machine automatically reminds to call distributor for service; when 600 operations have been made, the machine cannot be used unless service is done.

Technical Parameter

Input power	AC220V±10%~50/60Hz
Recovery rate	≥95%
Compressor power	3/8HP
Vacuum pump capacity	60L/min
Accuracy of gas cylinder load cell	±10g
Gas cylinder capacity	10KG
New/used oil bottle capacity	250ml/400ml
Max pressure	20bar
Charge speed	2Kg/Min(max.)
Screen	Touch display
High pressure gauge range	-1~30bar
Low pressure gauge range	-1~16bar
Average gas state refrigerant recovery speed	250g/min
Package	640*710*1170mm
Unpacked	530*585*1050mm



AC-080

Automatic Refrigerant Refill & Recovery Machine



Main Functions

- Tank fill
- Recovery
- Vacuum
- Oil injection
- Charge
- Fully automatic



- Heater band, condenser and cooling fan included
- Flush(Optional), COR(Compressor Oil Recovery), used oil recovery rate $\geq$ 95%
- Forthorough compressor oil replacement
- Automatic service reminding
- Amply database,free update
- Highly integrated pipeline manifold
- Accuracy of New/Used oil/UV bottle load cell: $\pm$ 5g

Optional:

- 110V 60Hz
- HFO-1234yf
- POE injection
- UV dye injection
- Vacuum leak test
- 120L/min vacuum pump
- Automatic air purge/Thermal printer
- Flush, COR (Compressor Oil Recovery)

Technical Parameter

Input power	AC220V $\pm$ 10%~50/60Hz
Recovery rate	$\geq$ 95%
Compressor power	3/8HP
Vacuum pump capacity	60L/min
Accuracy of gas cylinder load cell	$\pm$ 10g
Gas cylinder capacity	10KG
New/used oil bottle capacity	250ml/400ml
Max pressure	20bar
Charge speed	2Kg/Min(max.)
Screen	Touch display
High pressure gauge range	-1~30bar
Low pressure gauge range	-1~16bar
Average gas state refrigerant recovery speed	250g/min
Package	690*710*1180mm
Unpacked	615*655*1060mm