

5001 (HFO-1234yf)

Automotive A/C Service Station

Ariazone 5001 is fast and efficient unit that makes servicing HFO-1234yf mobile a/c systems SIMPLE, PRECISE and SAFE

The system provides electronically controlled functions, whilst keeping the operator constantly informed and in full control. This unit has been designed and build for work in heavy duty conditions with high level of reliability including maximum safety for the operator.

The unit is suitable for servicing passenger and light commercial vehicles air-conditioning systems



1 Robust metal housing, powder coated for all operating conditions. Two ergonomically located handles (front and rear) for movement with less effort. Rounded chassis cover corners prevent damage to vehicles.

2 Only 4 buttons for quick navigation and easy programing of all functions. Control panel and gauges are at optimum angle for viewing during operation.

3 Easy accessible plastic containers for oil and UV dye hermetically seal the contents from enviromental air.

4 Tidy and clean interior for easy and fast maintenance. All copper tubes with brass flare connections prevents leaking of refrigerant or oil.



This unit is a user-friendly tool specifically designed for the automotive air-conditioning technicians, to carry out the following functions:

Testing air-con system

Two large gauges mounted on the front panel for easy viewing will assist the technician in performing A/C system testing and diagnosis.

Refrigerant Recovery & Recycling

The refrigerant is reconditioned during the recovery process making it possible to re-use it immediately. The unit accurately measures the amount of recovered refrigerant. After each recovery process, the oil is collected in an efficient oil separator and automatically discharged into a calibrated oil container attached to the back of the machine

Evacuation

The powerful sparkless two-stage vacuum pump ensures a deep vacuum and the removal of any residual moisture from the system.

Oil and/or UV Dye Injection

Refrigerant oil or/and UV dye can be injected (manually) in the a/c system after the evacuation from calibrated plastic oil containers at the back of the machine.

Refrigerant Charge

Key in the correct charge quantity on the keypad and the machine does the rest.

Automatic Cycle Mode

In the Automatic cycle mode, all the operations (Refrigerant Recovering and Recycling, Recovered Oil Drain, Evacuation and Refrigerant Charging) are performed automatically one after the other in ONE CYCLE.

Technical data:	
Refrigerant	HFO-1234yf
Storage Cylinder	12 kg
Vacuum pump capacity	115 l/min (4CFM), dual stage, sparkless
Vacuum level	15 microns
Recovery pump	Danfoss 12cc - sparkless
Refrigerant recovery rate	0.38kg /min (liquid state)
Service hoses	2.2m, R1234yf quick couplers
Gauges	LP & HP - D 68 mm kl.1.0
Max. operating pressure	22 bar
Number of filters	3
Operating voltage	220 – 240 VAC / 50-60Hz,
Chassis	Sturdy all steel construction
Dimensions & Weight	62 (W) x 60 (D) x 112 cm (H), 80kg
Approvals	CE
Service interval	Automatic indicator (100 working hours or once a year)
Printer/ Cylinder Heater	Optional (on request)

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