

ATEX RATED RECOVERY MACHINE

Your Recovery Revolution

The new generation of the Fieldpiece Recovery Machine makes recovery easier, faster, and better for the HVACR technician. The Fieldpiece Digital Recovery Machine has onboard system monitoring that adjusts motor performance to handle liquid and run twice as fast on vapor. Plus, the new MR53 is ATEX Rated, which means it is compatible with A3 refrigerants, aside from A2L and A1 refrigerants. With a powerful presence on the job site, the MR53 is a very lightweight, versatile, and portable player. With only 11kg to carry, the MR53 can easily be taken anywhere on site. Our Recovery Machine ensures that you can work as efficiently and quickly as possible at every job.



RECOVERY MACHINES (MR53INT/MR53UK)

Our MR53 Digital Refrigerant Recovery Machine is ATEX Rated, ensuring safe operation in potentially explosive environments. With on-board system monitoring, this recovery machine is able to automatically adjust motor performance from 2000 to 3000 rpm to handle liquid and run twice as fast on vapor.

- **Automatically adjust motor performance**
- **Designed to work with A3, A2L and A1**
- **Single dial valve**
- **Lightweight and portable design**
- **ATEX Rated**
- **Backlit LCD**
- **Powerful 1 HP DC Motor**
- **On-board system monitoring**

Designed for the technician

Adjust motor performance automatically

- On-board system monitoring
- Automatically adjust motor performance from 2000 to 3000 rpm to handle liquid and run twice as fast on vapor
- Liquid slugging is minimized and vapor recovery is maximized

Designed for every job

- ATEX Rated to work with A3 Refrigerants
- Lightweight and portable design of only 11 kg
- Single dial valve
- Easy-to-use gas ballast



Specifications	MR53INT/ MR53UK
For Use With:	A3, A2L, and A1 Refrigerants
Not for Use With:	E170, R429A, R432A, R435A, R510A, R-610, R-702, R-717, R-744 or R-1150
Display:	Backlit LCD with status messages
Auto-Stop Levels:	0 bar (default) (0 psig or 0 kPa); -0.34 bar (-10 inHg or -25 cmHg); -0.68 bar (-20 inHg or -50cmHg)
Input Port High Pressure Cutoff:	26.0 bar (2600 kPa, 377 psig)
Output Port High Pressure Cutoff:	38.5 bar (3850 kPa, 558 psig)
Input and Output Port Pressure Sensor Range:	-1 bar to 50 bar (-30 inHg to 725 psig, -76 cmHg to 5000 kPa)
Pressure Sensor Accuracy:	± 0.15 bar (± 2.176 psig) above atmospheric pressure, ± 0.2 bar (± 6 inHg) vacuum
Final Recovery Vacuum:	(-0.51 bar (-38 cmHg, -14.9 inHg)
Compressor:	Twin cylinder reciprocating (oil-less)
DC Motor:	1 HP (variable smart speed)
RPM:	3000
Nominal Power:	110V~50Hz (MR53UK); 220-240V~50/60Hz (MR53INT)
Nominal Current Draw:	14A @ 110V (MR53UK); 7A @ 230V (MR53INT)
Valve:	Single dual-route ball valve
Input Port Filtration:	9 mm mesh screen, stainless
Dimensions:	376 mm x 250 mm x 344 mm (14.8" x 9.8" x 13.5")
Weight:	11 kg (24 lbs)
Operating Environment:	0°C to 40°C (32°F to 104°F)
Storage Environment:	-20°C to 60°C (-4°F to 140°F)