



Leman Instruments

CAS1 – SILENT OIL FREE AIR COMPRESSOR UNIT



AIR

APPLICATIONS

- ✓ Independent source of compressed AIR for laboratory, AEROs & NITROs.

DESCRIPTION - SPECIFICATIONS

The **Silent Oil free Air Compressor Unit, CAS1**, is a plug-and-play, ready to use AIR compressor unit, designed especially for laboratories and for alimenting AEROs and NITROs gas generators manufactured by LEMAN-INSTRUMENTS. This small compressor unit is build into a ventilated and portable case with dimensions 400x335x320 mm.

Models	CAS-1, CAS-2 and CAS-3
AIR Outflow @ 1013/20°C	CAS1-1 : 5 NL/min , @ 5 bar CAS1-2 : 10 NL/min, @ 5 bar CAS1-3 : 28 NL/min, @ 5 bar
Output Pressure	From 1 to 6 bar, adjustable manually by the integrated mechanical pressure regulator
Output fitting	Stainless steel, ¼" compression
Power supply	110 VAC/ 50-60 Hz or 230 VAC / 50-60 Hz
Power consumption; Sound pressure	CAS1-1 : 250W : <44 dB(A) CAS1-2 : 310W : <47 dB(A) CAS1-3 : 500W : <49 dB(A)

BENEFITS

- ✓ Extremely low noise level, as low as a refrigerator one meter away.
- ✓ 100 % continuous operation up to 40 °C ambient temperature.
- ✓ Can be easily moved around the laboratory. No handling, No storage. No cylinder rental fee.
- ✓ NO regular maintenance.
- ✓ Oil-free compressor unit
- ✓ Integrated Pressure regulator and pressure gauge
- ✓ Pressure switch. Start/Stop compressor on flow demand.
- ✓ Automatic condensate drain

LEMAN - INSTRUMENTS SAS

Archamps Technopole, 219 rue Laszlo Biro
F – 74160 ARCHAMPS

info@leman-instruments.com

Telephone: +33 4 50 39 49 22

www.leman-instruments.com

