

COSMOS AIR COMPRESSOR

Air Supply for COSMOS Gas Generator

Reference : COSMOS.AIR.COMPRESSOR



Description

The COSMOS Air Compressor produces continuous, high quality oil-free, pre-dried air.

The COSMOS Air Compressor is the ideal solution for providing compressed air to a Zero Air and Nitrogen Generator, and for powering pneumatic valves or other applications in the lab.

The COSMOS Air Compressor can be stacked to any stack COSMOS H₂, Zero Air and Nitrogen generators, typically as the base unit - to give you a complete self-contained GC gas solution, even where no house supply is available.

Thanks to a unique compressor mounting system, the COSMOS Air Compressor also benefits from low noise and vibration making it relatively quiet in operation within a typical laboratory



UNIQUE AND INTELLIGENT OPERATOR
INTERFACE WITH REMOTE ACCESS

Benefits & Savings

The COSMOS Air Compressor offers high reliability and long life expectancy due to its technological choices : unique cooling system and ultra resistant piston rings and segments.

The Oil-free compressor ensures the production of clean air to meet the constraints of laboratory applications.

Standard Features

- Compressed Air supply for COSMOS Nitrogen and Zero Air Generators
- Noise level and vibration very low
- Flow rate : 26 L/min with a maximum pressure of 8 bar (116 psi)
- Membrane dryer fitted to have clean and dry air
- Automatic drain
- Automatic Stand-by mode, when no compressed air is required, ensures long compressor life
- LED indicators status (Ready, Stand-by, Alarm, Off)
- Remote PC monitoring and diagnostic analysis via USB/RS232 to interface the unit with customer's PC software (allow to carry out checks and maintenance effectively, only via a remote connection)

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MODEL	AIR COMPRESSOR
GENERALS INFORMATIONS	
Flow rate	26 L/min
Max outlet pressure	8 bar (116 psi)
Outlet air Dew Point	-20°C (-4°F)
Air tank capacity	4 L
LED indicators status	Ready, Stand-by, Alarm, Off
Operating temperature range	5 - 25°C (41 - 77°F)
Automatic Stand by mode	Yes
Particles filtration	0.1 microns
Electrical supply	110 - 115 V ac / 50 - 60 Hz 10 A
	208 - 230 V ac / 50 - 60 Hz 2.45 A
Power consumption	510 - 1150 W
Noise level @ 1M	< 50 dB(A)
Dimension (W x H x D)	30 x 40 x 54 cm (12" x 15.8" x 21.3")
Weight (kg/lbs)	35 / 77
CONNECTION	
Outlet gas connection	1/4 BSPP
COMMUNICATION	
USB/RS232/PC Control	In series



GoldService
 — Satisfaction Guaranteed —

The products are guaranteed 24 months*. Beyond, your investment continues to be supported by our maintenance program **[Gold Service]**. Our world class technical assistance offers Programmed preventive maintenance to ensure optimal performance of your Gas generator F-DGSI and a priority intervention in case of failure.

*Year 2 of warranty subject to generator being serviced at end of the first year by a F-DGSI-approved agent in accordance with fixed annual maintenance schedule. For full terms and conditions, visit www.f-dgs.com

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