



Gas Station EVO 4100MP N₂+Air Generator

Description

NEW PRODUCT !

The **Gas Station EVO 4100MP** (PAS technology) include an integral oil-free air compressor and deliver a continuous stream of pure nitrogen gas of 99.5% purity with a flow rate of 25 NI/min and 1 outlets of Air for a total flow of 35 NI/min.

It uses the pressure swing adsorption (PSA) system that removes oxygen, carbon dioxide and water from compressed air. The resulting stream of pure nitrogen is **designed to aliment the Agilent 4100MP in nitrogen and air.**



Functioning principle:

For the Nitrogen, the standard PAS technology is used. For the Air, a static dryer is used to decrease the DewPoint.

This allows getting high flow and high pressure Nitrogen and Air all together in a very economical way without stressing the components.

The device has been designed for an easy Access for the maintenance.

- Increase laboratory efficiency**
- Improved noise level**
- Improved maintenance operation**
- Simple installation**

Applications

The **Gas Station EVO 4100MP** is

Designed for the Agilent 4100MP



Specifications

Standard temperature and pressure : 20°C at atmospheric pressure

N2 Flow rate :	25 NI/min +/- 1 NI/min (at atmospheric pressure)
N2 Outlet pressure :	6 bar / 87 psi
N2 Purity :	> 99.5% (less 0.5 % O2)
Air Flow rate :	1 outlet with max flow 35 NI/min
Air Outlet pressure :	Max 7 bar (preset at 4bar and 7 bar)
Air DP	< -35°C DP
Power consumption:	1950 Watt
Circuit breaker :	2 x 10A for 230V – 2 x 15A for 110V
Pressure accuracy :	0.2 bar (+/- 0.1 bar)
Microprocessor controlled display :	Graphic display, 128 x 64 pixels
Operating conditions :	
- temperature :	10°C to 35°C
- relative humidity :	0 – 80 % rF, no condense / 0 – 99% rF with condense drain
Heat dissipation :	Approx 4000 Btu/h
Dimensions :	482 x 835 x 641 mm (WxDxH) Fit under the bench
Weight :	Net 121 Kg / shipping weight : 146 Kg

Options – Accessories – Spare parts

Models:

6900 55 000.1	Gas Station EVO 4100MP 230V/50Hz
6900 55 000.2	Gas Station EVO 4100MP 230V/60Hz
6900 55 000.3	Gas Station EVO 4100MP 115V/60Hz

Options:

6900 53 050	O2 sensor
6900 53 051	N2 Flow sensor

Consumables:

6900 53 054	4000H Maintenance Kit for Gas Station 4100 MP (2 filtering media + 1silencer +1foam)
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