

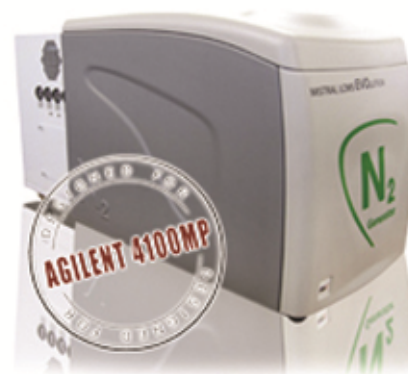
Gas Station EVO 4100MP N₂+Air Generator

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)

Micorprocessor 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 53 004	4000H Maintenance Kit for Gas Station 4100 MP (3 filtering media + 1silencer +1Resin filter)
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