

PSA Nitrogen Generator Nitroport

The Premium Performance

The Nitroport PSA generator, produces high quality nitrogen from Pressure Swing Adsorption. The Nitroport is a complete turnkey solution for smaller flows with a minimal footprint. Our generators represent a reliable and cost effective alternative to traditional Nitrogen supplies.



Standard Features

- ✓ Portable and turnkey
- ✓ Low operating costs
- ✓ SIEMENS control system with 4" colour touch screen
- ✓ Integrated purity analyzer for constant monitoring
- ✓ Data-logging via USB interface
- ✓ Integrated oil free air compressor, dryer, filters, generator and 10L buffer tank

Optional add-ons

- ✓ SMS alarm & control
- ✓ Audio/visual alarm
- ✓ 7" color display
- ✓ Filling station



PSA Nitrogen Generator

Nitroport

Model	Purity	Flow
	%	[l/min]
Nitroport	95	60.0
	98	40.0
	99.5	33.0
	99.95	25.0
	99.99	15.0
	99.995	10.0
	99.999	7.0

Operating conditions

Ambient temperature range	5°C - 40°C
Nitrogen outlet pressure	5-6 barG
Nitrogen dew point	-50°C (-70°C)
Power supply	230 V / 50 Hz
Power	1.2 kW
Dimensions and weight	55 x 67 x 180 cm, 220 kg

Notes

Performance data is based on 7 barG inlet pressure and 20°C to 30°C ambient temperature.

Flow stated in liter per minute (l/min) with reference conditions, Temperature: 20°C, Pressure: 1.013 barA.

KEY Benefits

- ✓ Minimized footprint
- ✓ Compact
- ✓ Easy to move
- ✓ Reliability
- ✓ Siemens based control system