

MORGAN RUSHWORTH XN 2.200 NITROGEN GENERATOR 200 BAR

A nitrogen generator is a device designed to produce high-purity nitrogen gas on demand, directly from the air. These generators work by extracting nitrogen from compressed air through a process known as Pressure Swing Adsorption (PSA) or membrane separation. The resulting nitrogen gas can be used in various industrial applications, including laser cutting, food packaging, electronics manufacturing, and chemical processing.

By producing nitrogen in-house, businesses can reduce reliance on gas cylinder deliveries, lower operational costs, and ensure a continuous supply of nitrogen. Nitrogen generators are highly efficient, cost-effective, and can be customised to meet specific purity requirements and flow rates. Compact and easy to install, they offer a reliable and sustainable solution for industries that require a steady supply of nitrogen. Whether for preserving product quality or enhancing production efficiency, a nitrogen generator is a valuable asset in any modern industrial setup.



FEATURES

- Water separator for inlet of feed pressure air, 1 unit
- Water discharge system with zero air loss, 1 unit (Zeromat)
- Line filters for feeding pressurized air, 2 units (0,5 and 0,01 mg/m3)
- Outlet filter, 1 pc, 0.01 mg/m3
- Pneumatic valves
- PLC control system with fully automated operations
- Pressure switch for automated Idle-Mode
- Sensor for compressed air inlet
- Exhaust mufflers
- Regulator for nitrogen pressure
- Nitrogen Purity Up to 99.999%
- Nitrogen Pressure up to 300 bar (g) (With Nitrogen Booster Compressor)
- Min. Air Pressure 6 Bar
- Max. Particle Consumption – 0.01µm

OPTIONS

- 40 Bar Nitrogen Booster

TECHNICAL INFORMATION

MODEL		XN 2.200
Nitrogen Pressure	Bar	200
Number of Manifolds		2
Dry air per manifold	Nm3	120
Pressure Dew-point	°C	70
Nitrogen Purity		99,999%
Min. Air Pressure	Bar	6
Max. Particle Consumption	µm	0.01
Footprint	m2	4.8
Length	mm	2200
Width	mm	2200
Height	mm	2500
Weight (exc. enclosure)	kg	2100