

Nano N2-Series GEN2+ 3110 Nitrogen Generator

- * 99.9 to 99.999% purity
- * Higher purity with pressure swing adsorption (PSA) technology
- * Safe & Reliable (no hassle with gas cylinders or liquid nitrogen)
- * Lower air consumption and refined controls provide energy efficiency
- * Advanced PLC with HMI touchscreen controls (simple operations)
- * Reduces carbon footprint by eliminating gas delivery to your facility
- * 2 years warranty



Voltage	V	100 to 240v AC
Frequency	Hz	50 or 60hz
Operating pressure	barg	Min 6 Max 10 ²⁾
Recommended operating temperature	Celsius	10 - 50
Max inlet particulate	Micron	0.1 Micron
Recommended inlet dew point	°C	-40 PDP ³⁾
Max inlet oil content	ppm	0.01 ⁴⁾
Dimensions HxWxD	MM	1214 x 399 x 919
Weight	Kg	254

Rated outlet flow ¹⁾	Nitrogen purity at the outlet (max Oxygen content)					
	99.999% (10 ppm)	99.995% (50 ppm)	99.99% (100 ppm)	99.975% (250 ppm)	99.95% (500 ppm)	99.9% (0.10%)
Nm3 / Hour	2.7	5.1	6.0	7.5	9.0	10.8

pressure correction factors ⁵⁾					
inlet air pressure (barg)	6	7	8	9	10
correction factor	0.88	1.00	1.10	1.20	1.20

temperature correction factors ⁵⁾										
inlet air temperature (°C)	5	10	15	20	25	30	35	40	45	50
correction factor	0.80	0.90	0.94	1.00	1.00	0.98	0.95	0.90	0.85	0.72

- 1) At 7 barg inlet pressure and 20-25 °C inlet temperature. For outlet flow at all other conditions, refer to the correction factors above or contact our sales department at info@tech-air.nl
- 2) For pressures above 10 barg contact our sales department at info@tech-air.nl
- 3) Requires an upstream dryer. Contact us for selecting the optimum dryer for your application
- 4) Including oil vapour
- 5) To be used as a rough guide only. Contact us for sizing assistance

Connections are 1"BSPP inlet and to buffer vessel. 1/2" BSPP outlet and from buffer vessel