

Intura N2|ZA

Nitrogen & Zero Air generator for GC

Part Number : See Reverse

Service Kit : See Reverse

PEAK 
SCIENTIFIC

Your local **gas generation** partner

Description

Engineered to provide a constant and consistent source of nitrogen and zero air for carrier and detector make up gas. This 2-in-1 Nitrogen and Zero Air gas generator with an integrated air compressor can provide high-purity nitrogen and zero air to your GC at flow rates to suit your GC requirements.

PEAK's uniquely designed CAT chamber ensures increased contact time to eliminate ambient CH₄ levels to <0.05ppm in outlet air. PEAK's Purity safeguard feature delivers only UHP gas to the application, greatly reducing the risk to components which are sensitive to contact with high concentrations of O₂.

For GC users who rely on consistent results, Intura is a series of Hydrogen, Nitrogen and Zero Air gas generators provide high purity GC carrier and detector gas on demand from a compact and configurable gas generator solution. With Intura, GC users can look forward to complete peace of mind from a safe, dependable and convenient gas supply solution.



Applications

- GC Carrier gas
- FID flame support
- Thermal desorption
- Headspace
- Detector Gas (Make-up/ Referencing)
- Purge & Trap
- TDS Tube conditioning



Key Features

- Smallest 2-in-1 Zero Air generator with integrated air compressor
- Up to 1L/min UHP N₂ and 3.5LPM Zero Air
- Ultra-fast start-up - High purity Nitrogen produced in under 45 mins
- Patented AirMax™ intake filter
- Purity safeguard feature
- Compact design, saving valuable lab bench space
- Improved, more efficient CAT chamber
- Low power consumption, reducing power draw and operational carbon footprint
- Highest pressure output from compressor-based UHP N₂ & ZA generator
- High-quality touchscreen for operation, reminders and alerts
- 12-month comprehensive warranty, with the option to extend up to 5 years*

* Available only in select regions when purchased directly from PEAK Scientific

Technical Specifications	Intura N2 ZA 250	Intura N2 ZA 600	Intura N2 ZA 1000
N2 Max Flow Rate	250 cc/min	600 cc/min	1000 cc/min
N2 Output Pressure	100psi / 6.9 bar		
N2 Dewpoint	-65°C / -85°F		
N2 Purity	99.9995% CO / NOx / SOx / Phthalate free		
N2 Purity (CO ₂)	<10ppm		
N2 Purity (CH ₄)	<0.05ppm		
ZA Flow Rate	1500 cc/min	3500 cc/min	3500 cc/min
ZA Output Pressure	100psi / 6.9 bar		
ZA Dewpoint	-35°C / -31°F		
ZA Purity (CH ₄)	<0.05ppm NOx / SOx / Phthalate free		
Power Consumption	636w		
Electrical Requirements	~100-120V, 60Hz / ~220-240V, 50/60Hz		
Dimensions (H x W x D)	696 x 330 x 586 mm / 27.4 x 13 x 23.1 in		
Weight	63 kg / 132.3 lbs		
Noise Level	<60dB(A)		
Max altitude	3000m		
Warranty	12 months (with option to extend up to 5 years)		
Product Certifications	CE Certified (see user manual for all certifications)		

Ordering Information			
Part Number (120v)	3305329-1-01	3305329-1-02	3305329-1-03
Part Number (230v)	3305329-2-01	3305329-2-02	3305329-2-03
Annual Service	www.peakscientific.com/ordering		
Standard Maintenance Plan			
Complete Maintenance Plan			
Extended Warranty			

[PEAK Protected][™]

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

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For a full list of our worldwide
office locations, please visit:

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