

# Infinity XE 5040

Membrane nitrogen generators

Part number: 3300575 - XE 5040 |  
3300192 - XE 5041



## Description

Producing between 40-520 L/min of high quality, laboratory grade nitrogen gas, the Infinity XE 504X can comfortably supply gas for multiple laboratory instruments. With variable nitrogen purity available between 95-99.5% (depending on flow rate), Infinity XE generators can be configured to suit the needs of several applications, such as LC-MS, ELSD, Sample Preparation & more.

Peak Scientific's Infinity XE series generators have been engineered to provide nitrogen gas to laboratories that already have an external source of clean, dry & oil-free air; and meets a minimum grade of ISO8573-1:2010 Class 1.4.1 - NB: Were this is not available, Peak can provide consultative assistance on what specifications of compressed air & pre-filtration are required, as well as supply these items as part of a complete Infinity XE gas generation solution.

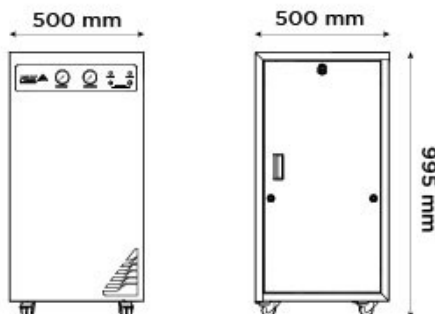
Infinity XE series nitrogen generators are effectively silent whilst in operation and have no moving parts, so require minimal annual maintenance.

Models available with or without optional O2 analyzer & purity safeguard system.



## Application Types

Designed to provide N2 for multiple laboratory instruments.



## Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** No

## Key Features

- Flow rates from 40-520 L/min
- Variable flow rate, with up to 135 psi outlet pressure
- N2 purity from 95-99.5% (dependent on flow rate)
- Tried and tested membrane technology for high quality gas
- Small footprint using minimal laboratory space
- Effectively silent when in operation
- O2 analyzer option available, XE 504X model includes PurityGuard for purity critical applications

## Technical Specifications

### Infinity XE 504X Membrane nitrogen generators

Gas Type	Nitrogen
Max Gas Flow:	520 *L/min
Max Output Pressure:	135psi/9.3bar
Max Output Pressure:	135psi/9.3bar
Max Purity:	99.5% *
Min Inlet Pressure:	60psi/4.1bar
Max Inlet Pressure:	145psi/10bar
Min Air Inlet Flow:	Dependent on required output flow rate and purity
Min Inlet Air Quality:	ISO8573 - 1:2010 Class 1.4.1
Start Up Time:	30 mins
Power Consumption:	40 Watts
Voltage:	100-230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	0.4Amps @ 100V / 0.174Amps @ 230V
Max Operating Temp:	30°C / 86°F
Particles:	<0.01µm
Accreditations:	CE, FCC
Size (HxWxD) mm	995 x 500 x 500 mm
Size (HxWxD) Inches	39.2 x 19.7 x 19.7 inches
Generator Weight	90kg / 198lbs

\* Dependent on inlet pressure, inlet/outlet flow and Inlet Air Quality

## [PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with 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.

- For ordering parts visit: [www.peakscientific.com/ordering/](http://www.peakscientific.com/ordering/)
- For service plans visit: [www.peakscientific.com/service/service-plans/](http://www.peakscientific.com/service/service-plans/)

**Peak Scientific UK**  
Tel: +44 (0)141 812 8100  
Fax: +44 (0)141 812 8200

**Peak Scientific North America**  
Tel: +1-800-767-6532  
Fax: +1-978-608-9503

**Peak Scientific China**  
Tel: +86 21 5079 1190  
Fax: +86 21 5079 1191  
For a full list of our worldwide office locations, please visit:  
Web: [www.peakscientific.com](http://www.peakscientific.com)  
Email: [discover@peakscientific.com](mailto:discover@peakscientific.com)

Peak Scientific's Quality Management System conforms to: ISO:9001

