

# Infinity XE 50 Series

## Single nitrogen source for multiple applications

The Infinity XE 50 series of compressorless laboratory nitrogen generators, utilize Peak's custom-designed membrane technology to deliver up to 520 L/min of high purity nitrogen for multiple laboratory instruments. Available in two variants, the 50X0 models have been factory-set to deliver nitrogen specifically for LC-MS instruments whilst the 50X1 models have an adjustable purity (up to 99.5%) determined by the inlet pressure and gas flow required to deliver laboratory grade gas to multiple nitrogen dependent instruments in the lab.

## Key Benefits

- ✓ **Convenient** - No changing cylinders or running out of gas during analysis.
- ✓ **Consistent** - Constant quality and purity of gas, no risk of contamination.
- ✓ **Economic** - Eliminate on-going costs of cylinders, manage lifetime running costs.
- ✓ **Efficient** - Streamline workflow, faster sample throughput.
- ✓ **Green** - Reduce carbon footprint by eliminating recurring gas deliveries.
- ✓ **Protected** - Comprehensive on-site warranty & service contracts.

## Applications

- **LC-MS (See Infinity XE 5010-5040)**
- **ELSD**
- **Sample Evaporators**
- **NMR**
- **FT/MS**
- **Glovebox**

## Multiple instrument **nitrogen solution**

Delivering a cost effective & energy efficient alternative to cylinder gas, dewars or micro-bulk tanks, a single unit can meet the total nitrogen demands of multiple instruments in your lab. With an optional built-in purity monitoring system, with customer-specified auto-shutdown failsafe, Infinity XE provides complete peace of mind and protection for your application.

As Infinity XE Series generators do not contain an internal compressor, an external source of air is required, conforming to ISO8573-1:2010 Class 1.4.1, as a minimum, in order to ensure optimal performance. Talk to your local Peak representative for assistance if unsure or you require a compressor solution.



# 8 models to **match your** nitrogen **needs**



## Infinity XE 50X0 - Key Features

- Factory-set to deliver N<sub>2</sub> for LC-MS instruments
- Capable of supplying multiple LC-MS instruments
- Four flow rate models delivering up to 60, 120, 180 and 240 L/min
- Energy efficient eco-mode ensures low running costs

## Infinity XE 50X1 - Key Features

- High purity nitrogen for multiple laboratory applications
- Four models with variable flow rate (up to 520 L/min) in relation to purity (up to 99.5%)
- Optional purity safeguard with warning & failsafe auto-shutdown
- Energy efficient eco-mode ensures low running costs

## [**PEAK Protected**]<sup>™</sup>

Peak Scientific gas generators come backed by a 12 month warranty. Beyond this period, 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.

## Contact us today to discover more!

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