

# Infinity XE 60 Series Membrane Nitrogen Generator

Application: LC-MS ELSD Sample Evaporators NMR FT/MS

Part number: 3303147 (6010), 3303148 (6020), 3303149 (6030), 3303150 (6040)



## Description

Producing between 10 and 520 L/min of high purity nitrogen gas, the Infinity XE 60 series nitrogen membrane gas generators can comfortably supply multiple laboratory instruments with instrument grade nitrogen.

Offering labs a cost-effective alternative to cylinders in a compact, space saving nitrogen solution, the Infinity XE 60's Intelligent Membrane Management (IMM) uniquely optimizes air consumption depending on set purity, inlet pressure/flow and nitrogen demand. With variable N2 purities (95- 99.5%), XE 60 can meet the demands of numerous applications such as ELSD, NMR, FT/MS, Sample Evaporators, as well as LC-MS and should your lab demands grow over time, Infinity XE 60 can have its nitrogen output increased on-site up to a maximum of 520 L/min all within the same original footprint.

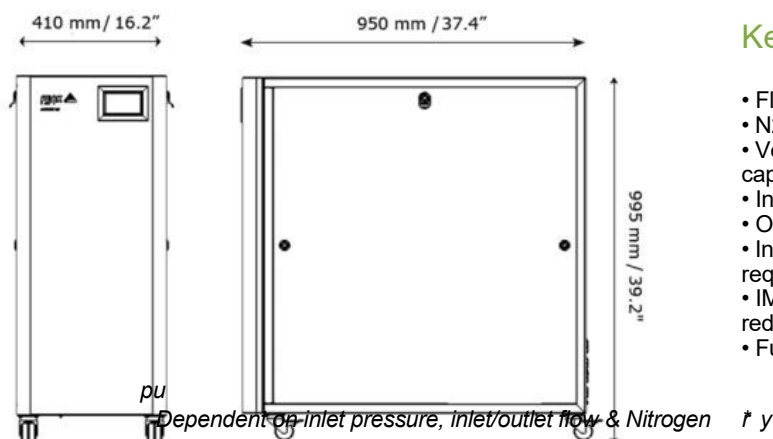
To operate, the Infinity series of generators require an external source of compressed air, which meets a minimum quality grade of ISO 8573-1:2010 Class 1.4.1. Where required, Peak can provide assistance on external compressors & pre/post filtration as part of delivering a complete solution for your needs.

- **Gas types** Nitrogen, Air
- **Integrated compressor:** No
- **Application Types:** LC-MS ELSD Sample Evaporators NMR FT/MS



## Key Features

- Flow rates ranging from 10-520 L/min\*
- N2 purity up to 99.5%
- Versatile solution with varying Nitrogen flow, pressure & purity capabilities
- In-field expansion of nitrogen capacity to meet growing lab demands
- Optional second outlet for Dry Air
- Intelligent Membrane Management (IMM) optimizes compressed air requirement based on gas consumption
- IMM reduces overall compressor run time and energy consumption, reducing carbon footprint
- Fully comprehensive 2-Year Warranty\*\*



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Technical Specifications

| Infinity XE 60 Series Membrane Nitrogen Generator |                                           |
|---------------------------------------------------|-------------------------------------------|
| Gas Type                                          | Nitrogen                                  |
| Max Gas Flow:                                     | 520*L/min                                 |
| Max Output Pressure:                              | 135 Psi (Depending on Inlet Pressure)     |
| Gas Type                                          | Air                                       |
| Max Gas Flow:                                     | 210L/min                                  |
| Max Output Pressure:                              | Up to 135 Psi (depending on inlet supply) |
| Max Output Pressure:                              | 135 Psi (Depending on Inlet Pressure)     |
| Max Purity:                                       | up to 99.5%                               |
| Min Inlet Pressure:                               | 60psi/4.1bar                              |
| Max Inlet Pressure:                               | 145psi/10bar                              |
| Min Air Inlet Flow:                               | Dependent on required flow and purity**   |
| Min Inlet Air Quality:                            | ISO 8573-1:2010 Class [1.4.1]             |
| Power Consumption:                                | 0.1 kW                                    |
| Voltage:                                          | 100 - 230 VAC +/- 10%                     |
| Frequency:                                        | 50 / 60 Hz                                |
| Current:                                          | 0.5A @ 110V / 0.25A @ 230V                |
| Max Operating Temp:                               | 30°C / 86°F                               |
| Particles:                                        | <0.01µm                                   |
| Accreditations:                                   | CE, CSA                                   |
| Size (HxWxD) mm                                   | 995 x 410 x 950 mm                        |
| Size (HxWxD) Inches                               | 39.2 x 16.1 x 37.4 inches                 |

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