

Infinity XE 503X membrane nitrogen generator

Application: Designed to provide N₂ for multiple laboratory instruments.

Part number: 3300574 - XE 5030 | 3300191 - XE 5031



Description

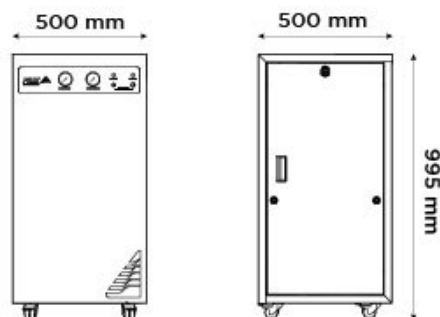
Producing between 30-390 L/min of high quality, laboratory grade nitrogen gas, the Infinity XE 503X can comfortably supply gas for multiple laboratory instruments. With variable nitrogen purity available between 95-99.5% (depending on flow rate), Infinity XE generators can be configured to suit the needs 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.

- **Gas types** Nitrogen
- **Integrated compressor:** No
- **Application Types:** Designed to provide N₂ for multiple laboratory instruments.



Key Features

- Flow rates from 30-390 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 5031 model includes PurityGuard for purity critical applications

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Technical Specifications	Infinity XE 503X membrane nitrogen generator
Gas Type	Nitrogen
Max Gas Flow:	390 *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 Inlet Air Quality:	ISO8573 - 1:2010 Class 1.4.1
Start Up Time:	30 mins
Voltage:	100-230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	0.4Amps at 100V / 0.174Amps at 230V
Max Operating Temp:	30°C / 86°F
Particles:	<0.01µm
Accreditations:	CE
Size (HxWxD) mm	995 x 500 x 500 mm
Size (HxWxD) Inches	39.2 x 19.7 x 19.7 inches
Generator Weight	85kg / 187lbs

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