

Solaris XE

Nitrogen generator for LC-MS or multiple ELSDs



Your local **gas generation** partner

Description

Peak Scientific's Solaris XE generator has been engineered using membrane technology to meet the gas delivery requirements for labs using LC-MS, Compact MS or multiple ELSDs. Solaris XE can operate with varying flow rates (up to 35L/min of high purity nitrogen), purity (95-99.5%) and outlet pressure can be adjusted down from 116psi, offering a flexible solution for a variety of applications.

The Solaris XE range has been engineered to provide nitrogen to laboratories that utilize an external source of compressed air, which meets a minimum quality grade of ISO 8573-1:2010 Class 1.4.1, and its compact, space-saving chassis allows it to be placed on a benchtop, taking up minimal space in the lab.

Applications

LC-MS, Compact MS, Multiple ELSDs, TLD readers



Key Features

Nitrogen up to 35L/min, up to 116 psi @ 95-99.5% purity

Variable outlet flow, pressure and purity

Compact, stackable* system maximising the use of valuable laboratory floor or bench space

Colour indicative LED lighting for easy status awareness

Manufactured and tested to highest spec in UK, CE/FCC certified

Safer and more convenient than pressurized cylinders, dewars or bulk storage

12 month on-site comprehensive warranty

Backed by [Peak Protected] global on premise servicing and technical support

*units stacked on top of Solaris must not exceed 100kg/220.4lbs



Technical Specifications

	Solaris XE
Max Flow Rate	up to 35 L/min
Max Pressure	up to 116 psi / 8 bar (user adjustable)
Purity	95-99.5 %*
Gas Outlets	1 x 1/4 " BSPP
Min/Max Air Inlet Pressure	80 psi/5.5 bar - 145 psi/10 bar
Min Inlet Air Quality	ISO8573 - 1:2010 Class 1.4.1
Contaminants	Phthalate & BHT Free
Suspended Liquids	None
Operating Temperature	5°C - 30°C / 41°F - °F
Electrical Requirements	Universal100 / 230 VAC / 50 / 60 Hz / 0.03 A
Power Consumption	6.9 Watts
Heat Output	25 BTU/Hr
Generator Dimensions (HxWxD)	156 x 343 x 650 mm 6.1 x 13.5 x 25.6"
Generator Weight	15.1 kg / 33.3 lbs
Max Weight Bearing Capability	100 kg / 220.5 lbs
Solaris Compressor compatible	NO

*depending on inlet air pressure and outlet flow

Ordering Information

Part Number	3300671
Annual Service	www.peakscientific.com/ordering
FPPM Maintenance Plan	3300671-FPPM
Complete Maintenance Plan	3300671-CSP
Supported Maintenance Plan	3300671-SMP

[PEAK Protected]TM

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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Peak Scientific's Quality Management System conforms to: ISO:9001:2008



Product Certifications

