

# Solaris 1010A

Nitrogen generator for ELSD and Compact Mass Spectrometer

Part Number : See Reverse

Service Kit : See Reverse



Your local *gas generation* partner

## Description

PEAK Scientific's Solaris 1010A nitrogen generator has been engineered using membrane technology to meet the nitrogen gas requirements for labs using ELSD with their High Performance Liquid Chromatography, Compact Mass Spectrometer or for TLD reader instruments. Solaris 1010A will deliver flow rates of up to 10L/ min and a gas purity of up to 99.5%. The outlet pressure is adjustable to 100psi max offering a flexible solution for labs.

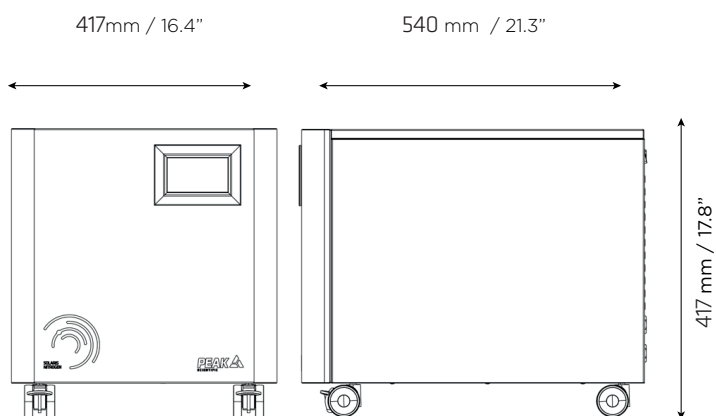


## Applications

- Up to 2 x ELSD instruments
- 1 x Compact Mass Spectrometer
- TLD Readers

## Key Features

- Nitrogen up to 10 L/min at up to 100 psi with a purity of up to 99.5% at 4L/min
- Variable outlet flow, pressure and purity
- 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



Solaris 1010A Dimensions

## Technical Specifications

	Solaris 1010A
Max Flow Rate	10 L/min
Max Pressure	100 psi / 6.89 bar
Purity	Up to 99.5% @ 4lpm
Gas Outlets	1 x 1/4" BSPP & 1 x 6mm push fit
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000m (6500ft)
Power Consumption	<1kW
Noise Level	<58dB(A) @1m
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95 °F
Electrical Requirements Power	120Vac ± 5%, 60Hz for Solaris 1010A 120V/ 220-240V AC ±10%, 50/60Hz for Solaris 1010A
Consumption	220V-240V
Generator Dimensions H x W x D	453 x 417 x 540 mm (17.8 x 16.4 x 21.3 ")
Generator Weight	31.5 kg / 69.5 lbs

Ordering Information	Solaris 1010A 220-240V - 3305373	Solaris 1010A 120V - 3305374
Annual Service Kit	3305027	3305027
4 Year Service Kit	3305028	3305029

## [PEAK Protected]<sup>TM</sup>

PEAK Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 2 year 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



FM 515973

## Product Certifications