

## Solaris 10 ELSD nitrogen generator

Application: ELSD, Compact Mass Spectrometers or TLD Readers

Part number: 65-0001



### Description

Peak Scientific's Solaris 10 Nitrogen generator has been developed to provide an optimal gas generation solution for ELSD or Compact Mass Spectrometers, with the goal of reducing instrument downtime and improving workflow efficiencies. Engineered with a space-saving design, Solaris 10 can be placed on a benchtop and paired with an additional optional Solaris air compressor unit to provide air supply for labs without an in-house air supply or for those who wish to contain their gas supply in a single system.

- **Gas types** Nitrogen
- **Integrated compressor:** No
- **Application Types:** ELSD, Compact Mass Spectrometers or TLD Readers



### Key Features

- Variable outlet flow, pressure and purity
- UHP nitrogen for ELSD at up to 10 L/min, 100 psi and up to 99.5% purity
- Compact benchtop form factor, discrete aesthetic styling
- Colour indicative LED lighting for easy status awareness
- Optional Solaris Air Compressor stackable module
- Engineered on reliable and proven existing technology
- Manufactured and tested to highest spec in UK, CE/FCC certified
- 12 month comprehensive on-site warranty

## Technical Specifications

	Solaris 10 ELSD nitrogen generator
Gas Type	Nitrogen
Max Gas Flow:	10L/min
Max Output Pressure:	100psi/6.9bar
Max Output Pressure:	100psi/6.9bar
Max Purity:	99.5% *
Gas Outlets Fitting:	1 x 1/4 " BSPP
Min Inlet Pressure:	80psi/5.5bar
Max Inlet Pressure:	130psi/9bar
Min Air Inlet Flow:	18-30
Min Inlet Air Quality:	ISO8573 - 1:2010 Class 1.4.1
Power Consumption:	Up to 23 VA
Voltage:	110 / 230 V
Frequency:	50 / 60 Hz
Current:	0.1 A
Heat output:	78 BTU
Max Operating Temp:	35°C / 95°F
Particles:	<0.1µm
Contaminants:	Phthalate & BHT Free
Accreditations:	CE, CSA, FCC
Size (HxWxD) mm	156 x 417 x 540 mm
Size (HxWxD) Inches	6.1 x 16.4 x 21.3 inches
Generator Weight	12kg / 26.4lbs

\* depending on inlet air pressure and outlet flow

## [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 with 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.

- For ordering parts visit: [www.peakscientific.com/ordering/](http://www.peakscientific.com/ordering/)
- For service plans visit: [www.peakscientific.com/service/service-plans/](http://www.peakscientific.com/service/service-plans/)

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



0003