

# Solaris XE Lab for Waters - N2 solution for ACQUITY™ QDa™

Application: Waters ACQUITY QDa Detector  
A list of instruments that are compatible with Solaris XE can be found on our Waters application list.

Part number: 3300670



## Description

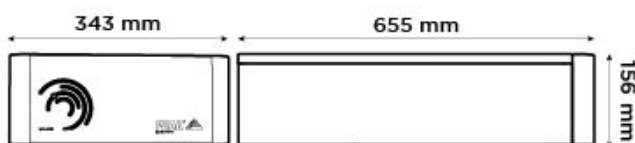
PEAK Scientific's Solaris XE nitrogen generator offers a reliable, compressor-free gas solution that can comfortably meet the demands of most mass spectrometers within Waters' portfolio of instruments. Using our tried and tested membrane technology, Solaris XE can operate with varying flow rates (up to 35L/min of high purity nitrogen), purity (up to 99.5%) and outlet pressure can be adjusted down from 116psi.

Solaris XE for Waters has been designed in collaboration with Waters as a dedicated gas solution for the ACQUITY QDa Detector. Solaris XE is fitted with alignment blocks specifically designed to enable the generator to be stacked underneath the ACQUITY QDa in most modular stacking configurations\*, providing a compact and discreet space-saving solution within the lab. Alternatively this unit can be wall mounted or free standing on a lab bench.

The Solaris XE 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.

\*Please ask your local sales representative for advice on supported stacking configurations.

- **Gas types** Nitrogen
- **Integrated compressor:** No
- **Application Types:**  
Waters ACQUITY QDa Detector A list of instruments that are compatible with Solaris XE can be found on our Waters application list.



## Key Features

- Nitrogen up to 35L/min, up to 116 psi and up to 99.5% purity
- Variable outlet flow, pressure and purity
- Compact, stackable\* system maximizing the use of valuable laboratory floor or bench space
- Color 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 Lab for Waters - N2 solution for ACQUITY™ QDa™

Gas Type	Nitrogen
Max Gas Flow:	35
Max Output Pressure:	116psi/8bar
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Max Purity:	99.50%*
Gas Outlets Fitting:	1 x 1/4 " BSPP
Min Inlet Pressure:	80psi/5.5bar
Max Inlet Pressure:	145psi/10bar
Min Inlet Air Quality:	ISO 8753-1:2010 Class 1.4.1**
Start Up Time:	5 min
Power Consumption:	Up to 6.9 Watts
Voltage:	100 / 230 VAC
Frequency:	50 / 60 Hz
Current:	0.1 Amp
Heat output:	25
Max Operating Temp:	30°C / 86°F
Contaminants:	Phthalate & BHT Free
Accreditations:	CE, FCC, CSA
Size (HxWxD) mm	156 x 343 x 650 mm
Size (HxWxD) Inches	6.1 x 13.5 x 25.6 inches
Generator Weight	15kg / 33lbs
Max Weight Bearing Capability	100kg / 220lbs

\*depending on inlet air pressure and outlet flow \*\* This unit should be connected to an air supply that, as a minimum, meets ISO8573-1:2010 Class 1.4.1

# [PEAK Protected]™

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



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