

Your local **gas generation** partner



A **PEAK** gas generation brand



## Solaris XE for Waters™

Dedicated nitrogen solution for  
ACQUITY™ QDa™ Detector

Discover more at [www.peakscientific.com/solaris-waters](http://www.peakscientific.com/solaris-waters)

# Why choose **Solaris XE for Waters** for your ACQUITY QDa nitrogen needs?

- **High purity nitrogen on demand**

Nitrogen up to 35L/min, up to 116 psi and up to 99.5% purity.

- **Small laboratory footprint**

Compact, wall-mountable and stackable\*with Waters ACQUITY QDa, maximizing the use of valuable laboratory floor or bench space.

- **Tested and approved by Waters**

Manufactured and tested to the highest specification in the UK and fully compliant with CE/FCC/CSA certifications.

- **Safe and convenient gas supply**

Eliminate recurring costs of ordering and hazards of handling high pressure gas cylinders or dewars. Few moving parts means systems are low maintenance and low noise.

- **High quality engineering**

Designed, engineered and tested to highest standards at our UK ISO 9001 accredited manufacturing center.

# Approved nitrogen generator for Waters ACQUITY QDa

**Solaris XE for Waters** has been designed by Peak Scientific in collaboration with Waters and is the only compressor-free nitrogen generator available which has been tested and approved by Waters for use with the ACQUITY QDa Detector.

The dimensions and locating features of Solaris XE for Waters ensure that it can be positioned within specific Waters LC QDa 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.

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

## Installation and compressed air supply

With global coverage and decades of expertise in gas generation in the lab, we can provide direct support, advice and guidance on specification and installation of your Solaris XE N2 system. Please talk to your local Peak Scientific representative for assistance in selection and installation in your facility – that's where we excel.

As Solaris XE does not contain internal air compressors, a supply of clean dry compressed air (conforming to ISO 8573-1:2010 Class 1.4.1) is required to operate the system. This may be available in your laboratory already, but if not, we can assist in supply or recommendations to install an external compressed air system suitable for your generator. Normally this would be located elsewhere outside the laboratory to minimize noise and vibration.



# Solaris XE for Waters

## Technical Specifications

	Solaris XE for Waters
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 (116 psi/8 bar required for QDa)
Min Inlet Air Quality	ISO 8573-1:2010 Class 1.4.1
Contaminants	Phthalate & BHT Free
Suspended Liquids	None
Operating Temperature	5°C - 30°C / 41°F - 86°F
Electrical Requirements	Universal 100 / 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 6.2 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	3300670
Annual Service	<a href="http://www.peakscientific.com/ordering">www.peakscientific.com/ordering</a>
FPPM Maintenance Plan	3300671-FPPM
Complete Maintenance Plan	3300671-CSP
Supported Maintenance Plan	3300671-SMP

## World Class Customer Service

With all Peak Scientific products comes industry leading support from **[Peak Protected]**<sup>™</sup>. With Peak certified engineers located across the globe you can be sure that on-site product support is never far away. With Peak, gas is one less thing for your lab to worry about.



### 24 Hour Response

Rapid response service engineer network, guaranteed on-site within 72 hours globally, 48 or 24 hours available in some regions.



### Manufacturer Approved Parts

All components are engineered and tested to ensure optimal performance in your generator.



### 95% First Time Fix

Having dedicated Peak engineers around the world means most issues are resolved on first visit - 95% of the time in fact.



### Installation

A dedicated Peak engineer will visit your lab to install and setup your generator.



### Certified Engineers

Over 100 dedicated, fully certified direct Peak Service Engineers globally, with expert knowledge in troubleshooting and fixing any generator.



### Global 24hr Technical Support

Around the clock support by phone or online with our global technical helpdesk.

**Contact us today** to discover more!

**Web:** [www.peakscientific.com/solaris-waters](http://www.peakscientific.com/solaris-waters)

**Email:** [discover@peakscientific.com](mailto:discover@peakscientific.com)