

# Collision Gas Add-On

UHP Nitrogen for Collision Cell

Part Number : See Reverse

Service Kit : See Reverse



Your local *gas generation* partner

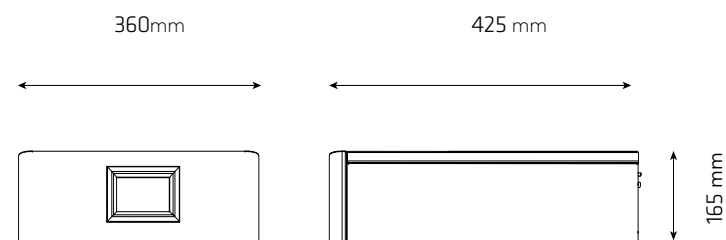
## Description

The Collision Gas Add-On has been designed to serve a number of PEAK generators, and supplies Ultra High Purity Nitrogen to the collision cell at a flow of up to 200cc/min.

With a set purity of 99.999%, the Collision Gas Add-On produces a high quality flow with no reduction to the output of our nitrogen generators. The Collision Gas Add-On allows labs to draw nitrogen from their PEAK generator, which removes the need for gas cylinders for UHP nitrogen.

## Applications

- Thermo Orbitrap
- Agilent Q-TOF
- Agilent 6560
- Waters Xevo TQ Absolute



## Key Features

- Ultra High Purity – 99.999% Nitrogen, at 200cc/min.\*
- Removes unsafe and environmentally unfriendly cylinders from the lab
- On screen performance and alerts for generator status indication
- No risk of running out of gas in middle of analysis
- Compatible with the current Genius XE35, XE70, Horizen 24, Infinity XE and Solaris XE systems
- 2 year comprehensive manufacturer's warranty\*\*

\*Nitrogen generator providing main gas source to an instrument.  
(Genius XE35/70, Horizen 24, Infinity XE and Solaris XE systems)

\*\* For full terms and conditions visit [www.peakscientific.com/warranty-statement](http://www.peakscientific.com/warranty-statement)

## Technical Specifications

## Collision Gas Add-On

Output Flow	200cc/min
Output Purity	up to 99.999%
Output Pressure	up to 80psi
Required Inlet Flow	minimum 4L/min, N2 @ 95%
Required Inlet Pressure	116 psi
Particles	<0.01µm
Phthalates	NONE
Suspended Liquids	NONE
Gas Outlets	1 x 1/4" BSPP
Voltage	240VAC / 100VAC
Power Consumption	20W @ 100VAC / 48W @ 240VAC
Frequency	50/60 Hz
Current	0.2A
Non-Methane Hydrocarbon Content	<1ppm NMHC
Voltage Options	120 - 240 V
Noise Level	Silent in operation, for 'parent' nitrogen generator noise please see 'parent' specifications
Minimum Operating Ambient Temperature	5°C (41°F) - 35°C (95°F)
Maximum Altitude	3000m
Maximum Relative Humidity	80% Non-Condensing
Minimum Storage Temperature*	-20°C (-4°F) - 60°C (140°F)
Dimensions	165 x 360 x 420 mm (6.5 x 14.2 x 16.5")
Weight	14Kg (31 Lbs)

\*NOTE - When taken out of storage the Generator should be allowed to acclimate at room temperature for a minimum of 3 hours before operation.

## Ordering Information

Part Number	3304886
Annual Service	<b>visit:</b> <a href="http://www.peakscientific.com/ordering">www.peakscientific.com/ordering</a>
Complete Maintenance Plan	

## [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



## Product Certifications

