Intura H2|O2

Hydrogen and Oxygen generator for Shimadzu Nexis GC-2060

Part Number : 3306202

PEAK SCIENTIFIC

*Your local **gas generation** partner*

Description

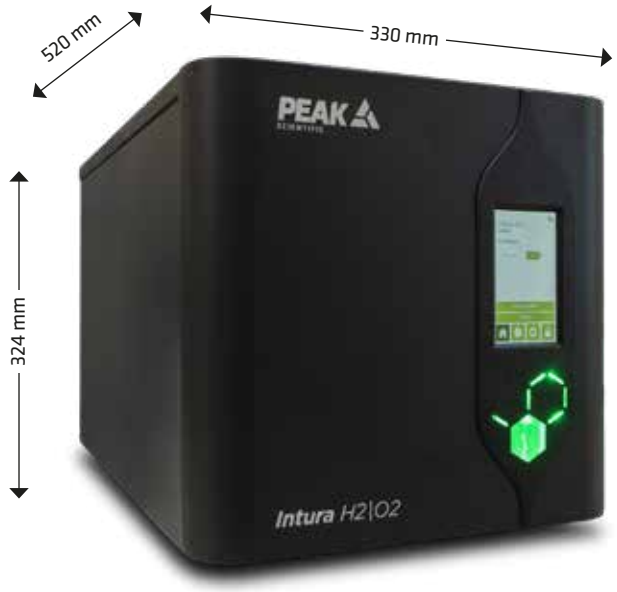
Intura H2|O2 is a dedicated, single source gas solution developed exclusively for Shimadzu GCs. Producing hydrogen for both carrier and flame gas, and oxygen detector gas directly from deionised water, Intura H2|O2 replaces the need for multi-unit gas generators or high-pressure cylinder supply, providing a safer, more cost-effective and compact gas solution.

Independently tested and verified by Shimadzu, Intura H2|O2 ensures optimal GC performance with exceptionally low power consumption, setting a new standard for reliability and sustainability in modern GC workflows.



Applications

- Shimadzu GC-FID operating in Hy/Ox mode



Key Features

- Unique, single-source of on-demand gas supply, tested and approved by Shimadzu to support GC-FID carrier and detector gas
- The safest way to deliver H_2 and O_2 in the lab, eliminating high-pressure cylinder delivery, handling and storage
- Minimal power consumption, heat output and noise
- Reduced total cost of ownership, with simple annual maintenance and no compressed air supply required
- 3-year PEM cell warranty

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Technical Specifications	H2|O2	
Gas type	H_2	O_2
Max Flow Rate (cc/min)	250	100
Output Pressure (psi)	100	45
Dewpoint (°C)	-75˚C	-20˚C
Purity (%)	99.99999	99.999
Electrical Requirements	100-240V, 50/60Hz	
Average Power Consumption (W)	310W	
Current	5A	
Fuse	6A	
Dimensions (H X W x D)	324 x 330 x 520mm / 12.8 x 12.9 x 20.5in	
Weight	<26kg / <57lbs	
Noise Level	<55dB(A)	
Max Altitude	3000m	
Warranty	12 months (with option to extend up to 5 years)	
PEM Cell Warranty	36 Months	
Maintenance	Annual DI Cartridge change	
Conductivity Sensor	Ready on-board	
Water loading pump	Ready on-board	
Compatible with H2 sensor	Ready on-board	
I/O via Molex connector	Ready on-board	
Compliance	CE/FCC/NRTL, IP20	

Ordering Information	
Part Number	3306202
Annual Service	www.peakscientific.com/contact
Standard Maintenance Plan	
Complete Maintenance Plan	
Extended Warranty	

[PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 12 month warranty, with the option to extend up to 5 years. 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.

Peak Scientific UK
Tel: +44 (0)141 812 8100

For a full list of our worldwide office locations, please visit:

Web: **www.peakscientific.com/contact/office-locations**
Email: marketing@peakscientific.com

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