

i-FlowLab 6XX2 laboratory nitrogen supply

Application: Genius (1)

Part number: 20-6012 | 20-6022 | 20-6032 | 20-6042 | 20-6052 | 20-6062 | 20-6072 | 20-6082 | 20-6092 | 20-6102



Description

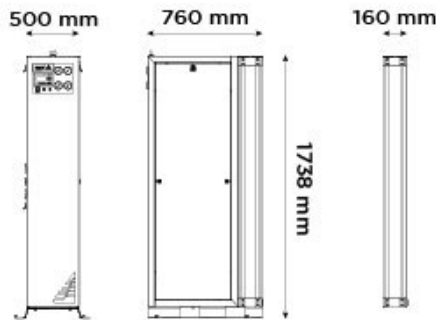
i-FlowLab is a total laboratory on-site nitrogen gas solution for customers with high flow demands or high purity applications and is capable of delivering a consistent & reliable supply of gas on-demand.

Engineered based on robust PSA technology, i-FlowLab 6XX2 nitrogen generators are available in over 100 pre-configured specifications, designed to suit the full and varying demands of your facility, with flow rates ranging from 21-1236 L/min at purities up to 99.9995% (5ppm O₂).

Modular & scalable, i-FlowLab is designed as a future-proof solution, with the ability to be expanded retrospectively, with the addition of CMS columns, in order to increase capacity and accommodate future growth in requirements.

i-FlowLab is an ideal complete laboratory solution for multiple applications, such as LC-MS, Sample Preparation, Gloveboxes and many more.

- **Gas types** Nitrogen
- **Integrated compressor:** No
- **Application Types:** Multiple LC-MS, Sample Preparation, Glovebox, Fume Hoods, NMR & more



Key Features

- Cost effective, total laboratory nitrogen gas supply solution
- Consistent & reliable, always available on-demand to meet application needs
- Energy efficient, with low ongoing running costs & minimal maintenance
- Scalable & future-proof design, with ability to expand capacity by adding more CMS columns
- Safe and convenient, no more manual handling or on-site health & safety concerns
- Verified industry standards compliance (EIGA, European Pharmacopoeia, JECFA & US FDA)
- Build-in oxygen analyzer, for continuous, real time monitoring of nitrogen purity & quality
- Optional purity safeguard, auto-bypass feature for purity critical applications
- Take complete control of your costs & nitrogen gas requirements, by bringing your supply in-house
- Eliminate the need for gas cylinders, LN₂ dewars /micro-bulk deliveries or large bulk liquid trucking
- Reduce your on-site carbon footprint & become a self-reliant and sustainable operation

Technical Specifications

i-FlowLab 6XX2 laboratory nitrogen supply	
Gas Type	Nitrogen
Max Gas Flow:	1236L/min
Max Output Pressure:	130psi/9bar
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Max Purity:	99.9995%
Max Inlet Pressure:	145psi/10bar
Min Air Inlet Flow:	Dependent on required flow rate
Min Inlet Air Quality:	ISO 8573-1:2010 Class 1.2.1
Start Up Time:	Dependent on model
Power Consumption:	250 Watts
Voltage:	100-230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	2.0-1.0 Amp
Max Operating Temp:	50°C / 122°F
Particles:	<0.01µm
Noise Level:	59dBa @1m
Accreditations:	CSA, CE
Size (HxWxD) mm	1738 x 500 x 760 mm
Size (HxWxD) Inches	68.4 x 19.7 x 29.9 inches
Generator Weight	197kg / 433.4lbs

[PEAK Protected]TM

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.

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Peak Scientific UK
Tel: +44 (0)141 812 8100
Fax: +44 (0)141 812 8200

Peak Scientific North America
Tel: +1-800-767-6532
Fax: +1-978-608-9503

Peak Scientific China
Tel: +86 21 5079 1190
Fax: +86 21 5079 1191
For a full list of our worldwide office locations, please visit:
Web: www.peakscientific.com
Email: discover@peakscientific.com

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