

i-FlowLab 6XX2

Scalable, high-flow, nitrogen generation solution for laboratories

Part Number : See back page

Service Kit : Contact us for details



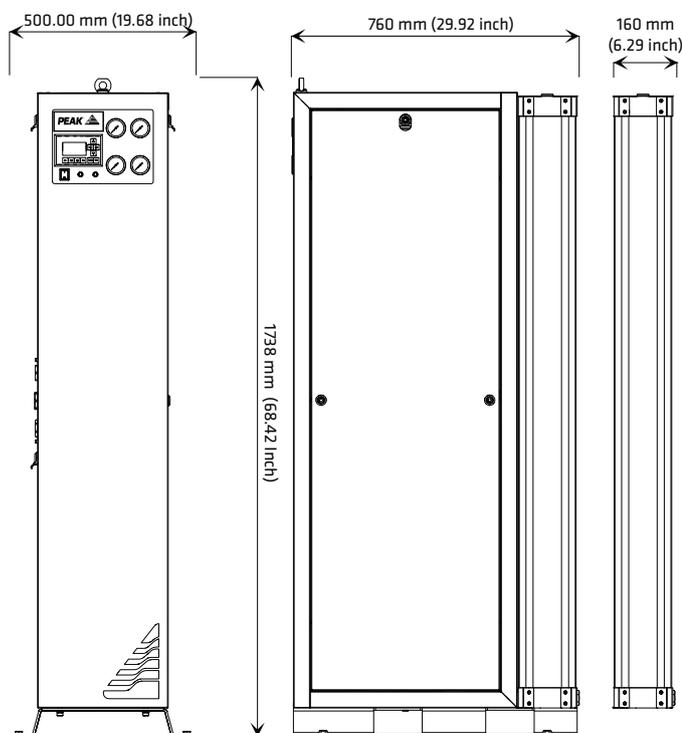
Description

i-FlowLab nitrogen generators have been engineered by Peak Scientific gas generation specialists to meet the supply needs of laboratories which require a large capacity, on-site nitrogen supply. Harnessing the latest gas purification technologies i-FlowLab 6XX2 removes oxygen from air, delivering nitrogen at flow rates from 40 l/min to 989 l/min. Available in over 100 pre-configured flow and purity specifications, i-FlowLab is modular with the option to add columns to increase the flow rate as your nitrogen requirements grow.

The 6XX2 range measures generator purity output as oxygen content in ppm, as opposed to its 6XX1 counterpart which measures oxygen content as a percentage. Integrated with the compressed air pre-filtration system, PureAir, ensures the highest quality nitrogen output by cleaning air before it enters the i-FlowLab generator.

Applications

- Multiple LC-MS instruments
- FT-IR/Glove Boxes/TOC
- Sample Concentrators
- Larger scale laboratories
- Whole lab solution



i-FlowLab 6XX2 Dimensions

Key Features

- Real-time monitoring of purity (in ppm) provided by an integrated Oxygen Analyzer
- Modular design allowing for columns to be added as your requirements grow
- Sustainable on-site gas generation, no need for storage of high volumes of bulk gas supply
- Consistent gas purity, so no fluctuations as can be experienced with bulk gas storage
- Minimal maintenance, only scheduled preventative maintenance required to ensure long life and performance of the system
- A safer solution with no storing of highly pressurized gas on-site
- Reduce carbon footprint by removing the requirement for bulk gas supply delivery
- Comprehensive installation including compressed air supply, pipework, pre-filtration system, nitrogen generator and storage

Technical Specifications

	LPM *									
Product Name	6012	6022	6032	6042	6052	6062	6072	6082	6092	6102
Oxygen Content 5ppm	30	62	95	113	137	173	199	225	248	278
Oxygen Content 10ppm	40	80	120	150	182	230	265	300	330	370
Oxygen Content 50ppm	58	116	174	230	285	345	400	455	510	565
Oxygen Content 100ppm	65	135	202	270	335	405	462	532	591	644
Oxygen Content 500ppm	89	190	283	362	452	545	634	724	812	900
Oxygen Content 1000ppm	105	205	305	406	508	600	700	795	890	989
Voltage	100-240 VAC +/- 10%									
Frequency	50/60 Hz									
Current	2.0 - 1.0 Amp									
Input Connection	C20 Plug									
Power Cord (Supplied)	C19 Socket to local connection									
Power Consumption	250 Watts									
Operating Temperature	5°C - 50°C / 41°F - 122°F									
Pollution Degree	2									
Installation Category	II									
Width mm (inch)	500 (19.68)									
Height mm (inch)	1738 (68.42)									
Depth mm (inch)	760 (29.92)	920 (36.22)	1080 (42.52)	1240 (42.52)	1400 (55.12)	1560 (61.42)	1720 (67.72)	1880 (74.02)	2040 (80.31)	2200 (86.61)
Weight kg (lbs)	197 (433)	282 (620)	367 (807)	452 (994)	537 (1181)	622 (1368)	707 (1555)	792 (1742)	877 (1929)	962 (2116)
Shipping weight kg (lbs)	277 (609)	364 (801)	452 (992)	538 (1184)	625 (1375)	712 (1566)	799 (1758)	886 (1949)	973 (2141)	1060 (2333)
Noise Level	59dBa @ 1m									

*Performance data is based on 7 bar (G) inlet air pressure and 20 - 25 deg C ambient temperature.

(Flow reference conditions, 20 deg C, 1013 millibar (a), 0% Relative Humidity)

Ordering Information

Part Number	20-6012	20-6022	20-6032	20-6042	20-6052	20-6062	20-6072	20-6082	20-6092	20-6102
Service Kit	08-0318					08-0319				
Complete Plan	09-3707					09-3708				

[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. 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



FM 515973



Product Certifications

