

i-Flow 6XX1

High flow, high purity, expandable nitrogen generation

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Contact us for details



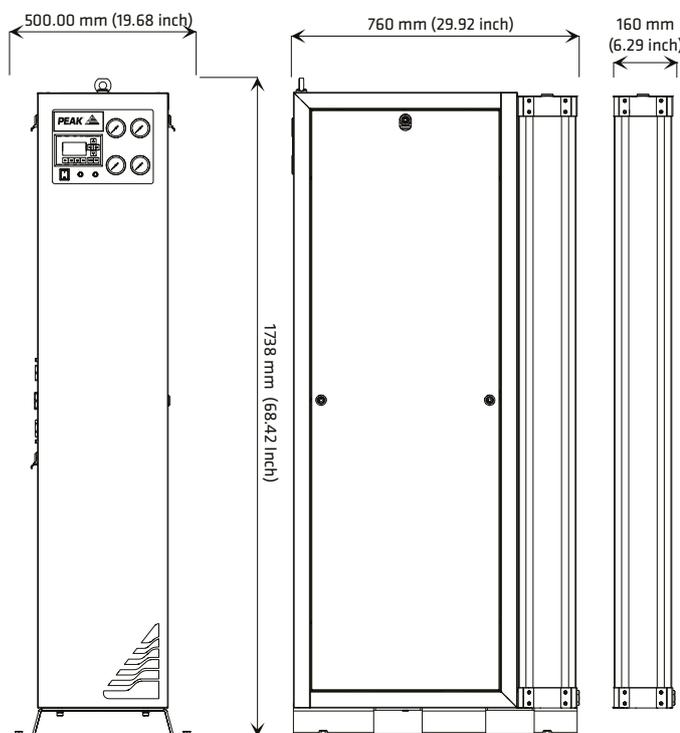
Description

i-Flow nitrogen generators have been engineered by Peak's gas generation specialists to meet the supply needs of manufacturing and processing facilities. Harnessing the latest gas purification technologies, i-Flow 6XX1 delivers nitrogen at flow rates from 155 l/min to 3402 l/min and is available in over 100 pre-configured flow and purity specifications. i-Flow is a modular and scalable design with the option to increase the flow rate retrospectively as your nitrogen requirements grow.

The 6XX1 range includes an oxygen analyzer which provides real-time purity monitoring as a percentage. Integrated with our compressed air pre-filtration systems, PureAir, ensures the highest quality nitrogen output by cleaning air before it enters the i-Flow generator.

Applications

- Wine making & production
- Electronics assembly
- Food packaging & storage
- Blow & injection Moulding
- Laser cutting & metal processing
- Blanketing, inerting & purging



i-Flow 6XX1 Dimensions

Key Features

- **Economical & sustainable** - A cost effective solution that eliminates the need for bulk nitrogen gas delivery forever.
- **Expandable on-demand** - i-Flow's space saving, future-proof modular design allows columns & units to be added as your business grows.
- **Energy saving efficiency** - An innovative 'Eco-mode' ensures the lowest running costs by automatically managing production based on your daily demands.
- **Verified industry compliance** - Exceeding standards of EIGA, EC Food Grade, European Pharmacopoeia, JEFCA and US Food & Drug Administration (CFR Title 21) with Peak IQ/OQ certification.
- **Remote monitoring** - Live product status information at your fingertips, wherever you are
- **Safe on-site supply** - No more health & safety concerns over hazardous truck deliveries or storage of gases in highly pressurized cylinders or tanks.
- **High quality engineering** - Peak is an ISO 9001 certified manufacturer and i-Flow's highly efficient technology requires minimal maintenance or supervision.

Technical Specifications

	LPM *									
Product Name	6011	6021	6031	6041	6051	6061	6071	6081	6091	6101
Oxygen Content - 0.50%	155	305	450	585	730	874	1015	1160	1300	1450
Oxygen Content - 1%	190	380	530	725	885	1062	1238	1415	1574	1748
Oxygen Content - 2%	245	490	665	845	1065	1280	1480	1685	1885	2090
Oxygen Content - 3%	305	578	810	1025	1278	1574	1815	2065	2330	2580
Oxygen Content - 4%	362	651	915	1115	1420	1704	1988	2272	2556	2840
Oxygen Content - 5%	402	750	1100	1385	1649	2045	2478	2778	3045	3402
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	20-6011	20-6021	20-6031	20-6041	20-6051	20-6061	20-6071	20-6081	20-6091	20-6101
Service Kit	08-0318					08-0319				
Complete Plan	09-3705					09-3706				

[PEAK Protected]™

Peak gas generators define the benchmark in reliability, convenience and performance in facilities around the world, and come backed by a 12 month on-site 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

