

i-FlowLab 7XX1/7XX2

High flow, high purity, expandable nitrogen generator

Part Number : See back page

Service Kit : See back page



Your local **gas generation** partner

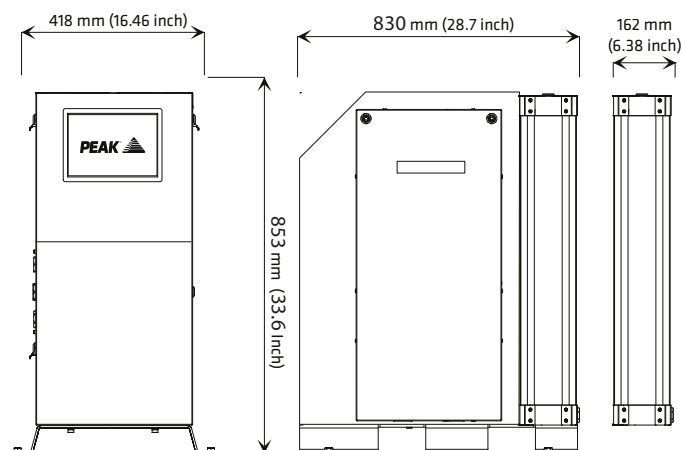
Description

i-FlowLab Mini nitrogen generators have been engineered by Peak's gas generation specialists to meet the total nitrogen supply needs of manufacturing and processing facilities.

Harnessing the latest gas purification technologies, i-FlowLab 7XX1/7XX2-M delivers nitrogen at flow rates from 13 l/min to 584 l/min* and is available in multiple pre-configured flow and purity specifications. i-FlowLab is a modular and scalable design with the option to increase the flow rate retrospectively as your nitrogen requirements grow.

Applications

- Food packaging & storage
- Wine making & bottling
- Electronics assembly
- Laser cutting & metal fabrication
- Plastics injection blow moulding
- Chemical blanketing & inerting



i-FlowLab 7XX1/7XX2Prime Dimensions

Key Features

- **Nitrogen gas, on-demand** - 4 models, supplying high quality nitrogen gas, at purities ranging from 95 - 99.9995%
- **Economical & sustainable** - A cost effective, environmentally friendly solution, that eliminates the need for ongoing bulk nitrogen gas deliveries
- **Modular expandability** - Future-proof design, allows columns & generator units to be added as business needs grow
- **Energy saving efficiency** - Our innovative 'Standby-Mode', coupled with optimized air usage technologies & low compressed air demand, ensure i-Flow has the lowest running costs
- **Quality guaranteed** - With our built-in PurityGuard™ gas monitoring, application safeguard system and integrated air filtration, we guarantee your gas supply is never compromised
- **IoT Ready** - Built with current & future technologies in mind, i-Flow generators come ready with remote control & monitoring systems, along with optional interfaces for live status tracking & BMS integration.
- **Verified industry compliance** - Independently validated, exceeding standards set out by EIGA, EC Food Grade, European Pharmacopoeia, JECFA & US FDA.
- **Safe on-site gas supply** - No more health & safety concerns over manual handling, hazardous deliveries & storage of highly pressure cylinders or cryo-liquid tanks.

Technical Specifications

		L/min *			
Product Name		701X-M	702X-M	703X-M	704X-M
N2 Purity	O2 Content	i-Flow 7XX1-M			
99.9995%	5ppm	13	26	39	48
99.999%	10ppm	17	34	51	63
99.995%	50ppm	24	48	70	90
99.99%	100ppm	27	54	79	104
99.95%	500ppm	38	76	109	145
99.9%	1000ppm	44	87	129	171
N2 Purity	O2 Content	i-Flow 7XX2-M			
99.5%	0.50%	65	129	190	247
99%	1%	80	160	224	302
98%	2%	103	205	290	365
97%	3%	129	244	342	433
96%	4%	153	275	386	471
95%	5%	170	317	464	584
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)	418 (16.5)				
Height mm (inch)	853 (33.6)				
Depth mm (inch)	830 (32.7)	992 (39.1)	1154 (45.4)	1316 (51.8)	
Weight kg	96 (211)	132 (291)	178 (392)	214 (471)	
Shipping weight kg	115 (253)	153 (337)	202 (444)	240 (528)	
Noise Level	59dBa @ 1m				

*Performance data is based on a stable 8 bar(g) inlet pressure & 20-25 deg C ambient temperature. (Flow reference conditions, 20 deg C, 1013 millibar (a), 0% Relative Humidity)

Ordering Information		701X-M	702X-M	703X-M	704X-M
Part Number	i-Flow 7XX1	3304472	3304473	3304474	3304475
	i-Flow 7XX2	3304476	3304477	3304478	3304479
Service Kit	3304480			3304481	
Service Plans	Get in touch with us at www.peakscientific.com/contact				

PEAK Protected™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in facilities around the world, and come backed by a 12 month warranty. Beyond this period however you can ensure that you're 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:



Product Certifications

