

# i-Flow 7XX1/7XX2-M

High flow, high purity, expandable nitrogen generator

Part Number : See back page

Service Kit : See back page



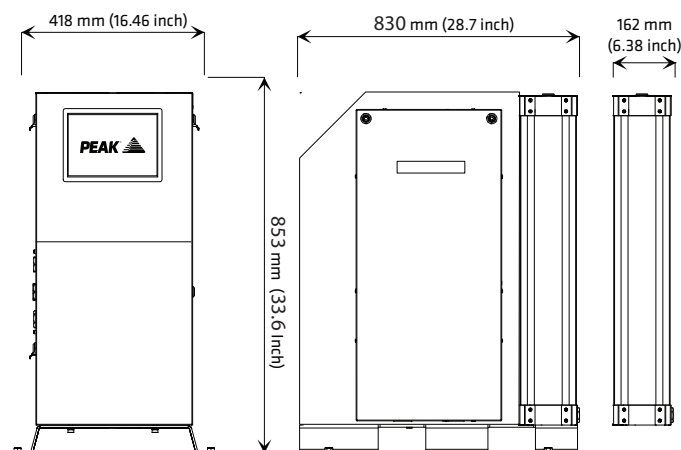
## Description

i-Flow 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-Flow 701X-M delivers nitrogen at flow rates from 0.76-35.07 m<sup>3</sup>/hr\* and is available in multiple 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.

## Applications

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



i-Flow 7XX1/7XX2-MPrime 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

		M³/h *			
Product Name		701X-M	702X-M	703X-M	704X-M
N2 Purity	O2 Content	i-Flow 7XX1-M			
99.9995%	0.50%	3.92	7.72	11.39	14.81
99.999%	1%	4.81	9.62	13.42	18.12
99.995%	2%	6.20	12.30	17.40	21.90
99.99%	3%	7.72	14.63	20.51	25.95
99.95%	4%	9.17	16.48	23.17	28.23
99.9%	5%	10.18	18.99	27.85	35.07
N2 Purity	O2 Content	i-Flow 7XX2-M			
99.5%	5ppm	0.76	1.57	2.34	2.86
99%	10ppm	1.01	2.03	3.04	3.80
98%	50ppm	1.47	2.88	4.20	5.40
97%	100ppm	1.65	3.24	4.74	6.24
96%	500ppm	2.25	4.56	6.54	8.70
95%	1000ppm	2.66	5.19	7.72	10.28
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 <a href="http://www.peakscientific.com/contact">www.peakscientific.com/contact</a>			

## [PEAK Protected]™

Peak Gas Generation 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 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 Gas Generation's Quality Management System conforms to: ISO:9001:



FM 515973

### Product Certifications

