

i-Flow 7XX1/ 7XX2

High flow, high purity, expandable nitrogen generator

Part Number : See back page

Service Kit : See back page



Description

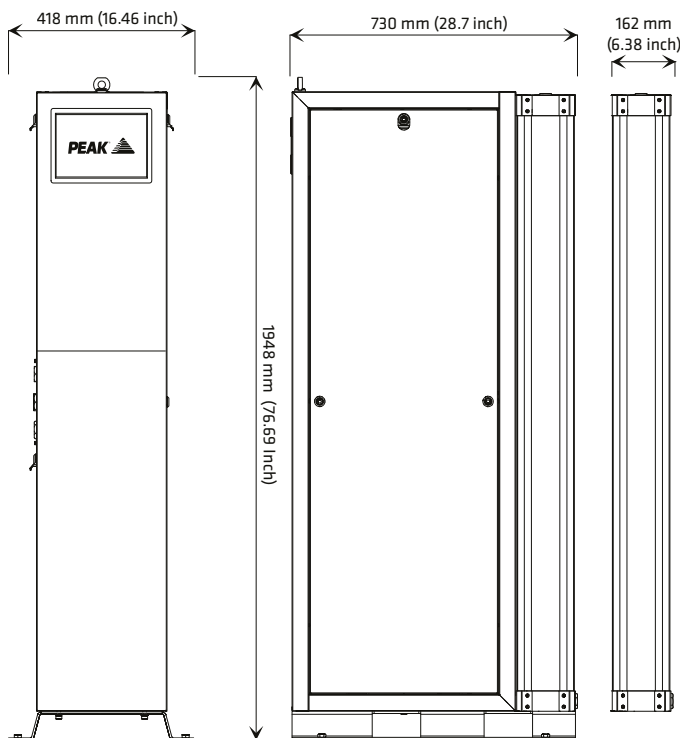
i-Flow Prime nitrogen generators have been engineered by Peak's gas generation specialists to meet the total nitrogen supply needs of manufacturing and processing facilities. Harnessing the latest gas purification technologies, i-Flow Prime delivers nitrogen at flow rates from 0.76-268.32 M³/h* and is 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 7XX1 range includes an oxygen analyzer which provides real-time purity monitoring as a percentage. i-Flow Prime also comes with our built-in PurityGuard™ gas monitoring, application safeguard system and integrated air filtration for additional peace of mind.

The 7XX2 range includes an oxygen analyzer which provides real-time purity monitoring. i-Flow Prime also comes with our built-in PurityGuard™ gas monitoring, application safeguard system and integrated air filtration for additional peace of mind.

Applications

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



i-Flow 7XX1/ 7XX2Prime Dimensions

Key Features

- **Nitrogen gas, on-demand** - 14 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-P	702X-P	703X-P	704X-P	705X-P	706X-P	707X-P	708X-P	709X-P	710X-P
N2 Purity	O2 Content	i-Flow 7XX1									
99.5%	0.50%	12.22	24.06	35.49	46.14	57.58	68.93	80.05	91.49	102.53	114.36
99%	1%	14.99	29.97	41.80	57.18	69.80	83.76	97.64	111.60	136.56	151.65
98%	2%	19.32	38.65	52.45	66.65	84.00	100.95	116.73	132.90	148.67	164.84
97%	3%	24.06	45.59	63.88	80.84	100.80	124.14	143.15	162.87	183.77	203.48
96%	4%	28.55	51.34	72.17	87.94	112.00	134.39	156.79	179.19	201.59	223.99
95%	5%	31.71	59.15	86.76	109.23	130.06	161.29	195.44	219.10	240.16	268.32
N2 Purity	O2 Content	i-Flow 7XX2									
99.9995%	5ppm	2.37	4.89	7.49	8.91	10.81	13.64	15.70	17.75	19.56	21.93
99.999%	10ppm	3.15	6.31	9.46	11.83	14.35	18.14	20.90	23.66	26.03	29.18
99.995%	50ppm	4.57	9.15	13.72	18.14	22.48	27.21	31.55	35.89	40.22	44.56
99.99%	100ppm	5.13	10.25	15.38	20.51	25.63	30.76	35.89	41.01	46.14	50.79
99.95%	500ppm	7.02	14.04	21.06	28.08	35.10	42.12	49.14	56.16	63.17	70.19
99.9%	1000ppm	8.28	16.17	24.06	32.02	40.07	47.32	55.21	62.70	70.19	78.00
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 (16.46)										
Height mm (inch)	1948 (76.69)										
Depth mm (inch)	730 (28.7)	892 (35.1)	1054 (41.5)	1216 (47.9)	1378 (54.3)	1540 (60.6)	1702 (67)	1864 (73.4)	2026 (79.8)	2188 (86.1)	
Weight kg	179 (394)	257 (566)	335 (737)	413 (909)	501 (1102)	579 (1274)	657 (1446)	735 (1617)	813 (1789)	891 (1960)	
Shipping weight kg	203 (447)	285 (627)	366 (805)	447 (984)	539 (1186)	620 (1364)	701 (1542)	783 (1723)	864 (1901)	945 (2079)	
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)

[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:



Product Certifications

