Генераторы азота i-FlowLab

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
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Мурманск (8152)59-64-93
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Саранск (8342)22-96-24
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i-FlowLab Mini 7XX1 laboratory nitrogen supply

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.

Application Types
LC-MS, CAD & ELSD, Sample Preparation

Part number:
3304472
3304473
3304474
3304475

Status
Available

Integrated compressor
No

Features

- Cost effective, total laboratory nitrogen gas supply solution
- Consistent & reliable, always available on-demand to meet application needs
- Energy efficient, with low ongoing running costs & minimal maintenance
- Scalable & future-proof design, with ability to expand capacity by adding more CMS columns
- Safe and convenient, no more manual handling or on-site health & safety concerns
- Verified industry standards compliance (EIGA, EC Food Grade, European Pharmacopoeia, JECFA & US FDA)
- Built-in oxygen analyzer, for continuous, real time monitoring of nitrogen purity & quality
- Optional purity safeguard, auto-bypass feature for purity critical applications
- i-Flow generators come ready with remote control & monitoring systems, along with optional interfaces for live status tracking & BMS integration
- Take complete control of your costs & nitrogen gas requirements, by bringing your supply in-house
- Eliminate the need for gas cylinders, LN2 dewars /micro-bulk deliveries or large bulk liquid trucking
- Reduce your on-site carbon footprint & become a self-reliant and sustainable operation

Gas

Gas Type: Nitrogen

Min Gas Flow: 13L/min

Max Gas Flow: 171L/min

Max Purity: 99.9995%

Site & Installation

Max Inlet Pressure: 167psi/11.5bar

Min Air Inlet Flow: Dependent on required flow rate

Min Inlet Air Quality: ISO 8573-1:2010 Class 2.4.1

Start Up Time: Dependent on model

Power Consumption: 250 Watts

Voltage: 100 - 240 VAC ±10%

Frequency: 50 / 60 Hz

Current: 2.0-1.0 Amp

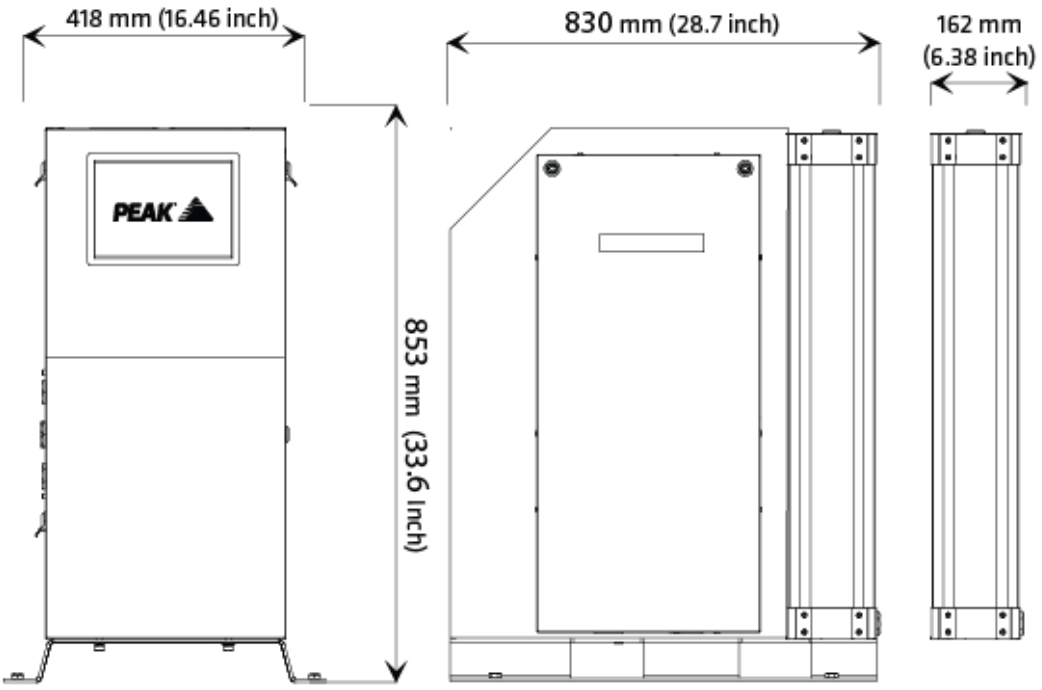
Max Operating Temp: 50°C / 122°F

Particles: <0.01µm

Noise Level: 59dBa @1m

Accreditations: CSA, CE

Dimensions & weight



Size (HxWxD) mm: 853 x 418 x 830 mm

Size (HxWxD) Inches: 33.6 x 16.5 x 32.7 inches

Generator Weight: 96kg / 211.2lbs

Service Requirements

Annual maintenance

Annual O2 analyzer calibration (optional)

Replace O2 analyzer every 4 years

General

Expand to meet demand: i-FlowLab Mini can be expanded to include up to 4 banks. Each bank is 162mm (6.4") and total depth of a 4 bank system including the i-FlowLab system is 1316mm (51.8").

i-FlowLab Mini 7XX2 laboratory nitrogen supply

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.

Application Types
LC-MS, CAD & ELSD, Sample Preparation

Part number:
3304476
3304477
3304478
3304479

Status
Available

Integrated compressor
No

Features

- Cost effective, total laboratory nitrogen gas supply solution
- Consistent & reliable, always available on-demand to meet application needs
- Energy efficient, with low ongoing running costs & minimal maintenance
- Scalable & future-proof design, with ability to expand capacity by adding more CMS columns
- Safe and convenient, no more manual handling or on-site health & safety concerns
- Verified industry standards compliance (EIGA, EC Food Grade, European Pharmacopoeia, JECFA & US FDA)
- Built-in oxygen analyzer, for continuous, real time monitoring of nitrogen purity & quality
- Optional purity safeguard, auto-bypass feature for purity critical applications
- i-Flow generators come ready with remote control & monitoring systems, along with optional interfaces for live status tracking & BMS integration
- Take complete control of your costs & nitrogen gas requirements, by bringing your supply in-house
- Eliminate the need for gas cylinders, LN2 dewars /micro-bulk deliveries or large bulk liquid trucking
- Reduce your on-site carbon footprint & become a self-reliant and sustainable operation

Gas

Gas Type: Nitrogen

Min Gas Flow: 65L/min

Max Gas Flow: 584L/min

Max Purity: 99.5%

Site & Installation

Max Inlet Pressure: 167psi/11.5bar

Min Air Inlet Flow: Dependent on required flow rate

Min Inlet Air Quality: ISO 8573-1:2010 Class 2.4.1

Start Up Time: Dependent on model

Power Consumption: 250 Watts

Voltage: 100 - 240 VAC ±10%

Frequency: 50 / 60 Hz

Current: 2.0-1.0 Amp

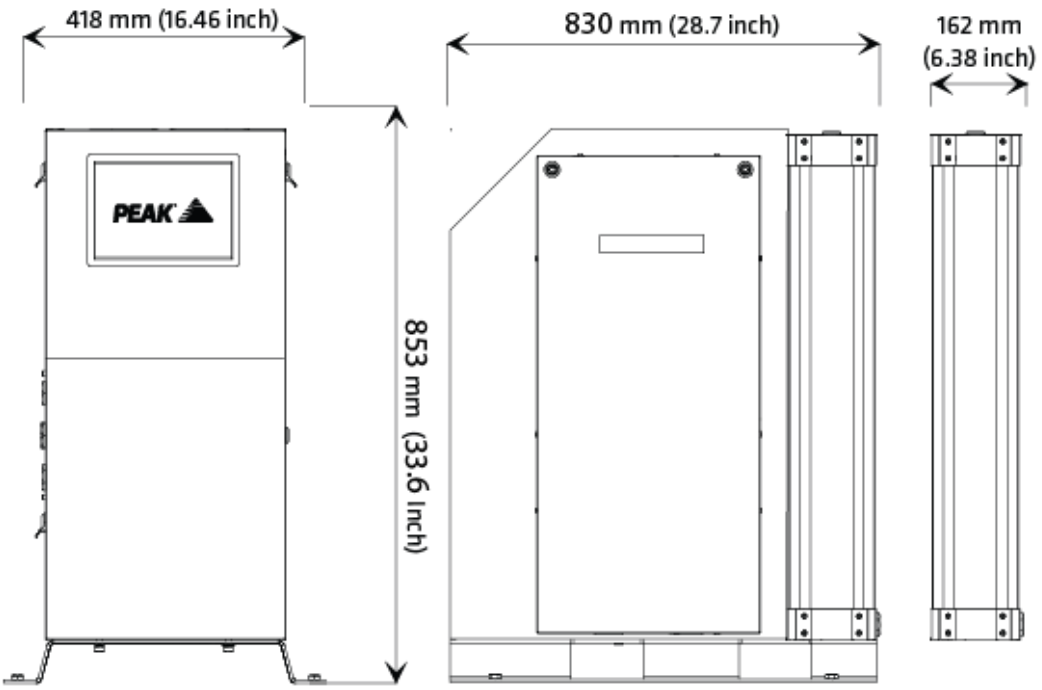
Max Operating Temp: 50°C / 122°F

Particles: <0.01µm

Noise Level: 59dBa @1m

Accreditations: CSA, CE

Dimensions & weight



Size (HxWxD) mm: 853 x 418 x 830 mm

Size (HxWxD) Inches: 33.6 x 16.5 x 32.7 inches

Generator Weight: 96kg / 211.2lbs

Service Requirements

Annual maintenance

Annual O2 analyzer calibration (optional)

Replace O2 analyzer every 4 years

General

Expand to meet demand: i-FlowLab Mini can be expanded to include up to 4 banks. Each bank is 162mm (6.4") and total depth of a 4 bank system including the i-FlowLab system is 1316mm (51.8").

i-FlowLab Prime 7XX1 laboratory nitrogen supply

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.

Application Types

LC-MS, GC & GC-MS, ICP-MS, FT-IR, MP-AES, CAD & ELSD, Sample Preparation

Part number:
3304451
3304452
3304453
3304454
3304455
3304456
3304457
3304458
3304459
3304460

Status
Available

Integrated compressor
No

Features

- Cost effective, total laboratory nitrogen gas supply solution
- Consistent & reliable, always available on-demand to meet application needs
- Energy efficient, with low ongoing running costs & minimal maintenance
- Scalable & future-proof design, with ability to expand capacity by adding more CMS columns
- Safe and convenient, no more manual handling or on-site health & safety concerns
- Verified industry standards compliance (EIGA, EC Food Grade, European Pharmacopoeia, JECFA & US FDA)
- Built-in oxygen analyzer, for continuous, real time monitoring of nitrogen purity & quality
- Optional purity safeguard, auto-bypass feature for purity critical applications
- i-Flow generators come ready with remote control & monitoring systems, along with optional interfaces for live status tracking & BMS integration
- Take complete control of your costs & nitrogen gas requirements, by bringing your supply in-house
- Eliminate the need for gas cylinders, LN2 dewars /micro-bulk deliveries or large bulk liquid trucking
- Reduce your on-site carbon footprint & become a self-reliant and sustainable operation

Gas

Gas Type: Nitrogen

Min Gas Flow: 204L/min

Max Gas Flow: 4472L/min

Max Purity: 99.5%

Site & Installation

Max Inlet Pressure: 167psi/11.5bar

Min Air Inlet Flow: Dependent on required flow rate

Min Inlet Air Quality: ISO 8573-1:2010 Class 2.4.1

Start Up Time: Dependent on model

Power Consumption: 250 Watts

Voltage: 100-230 ± 10% VAC

Frequency: 50 / 60 Hz

Current: 2.0-1.0 Amp

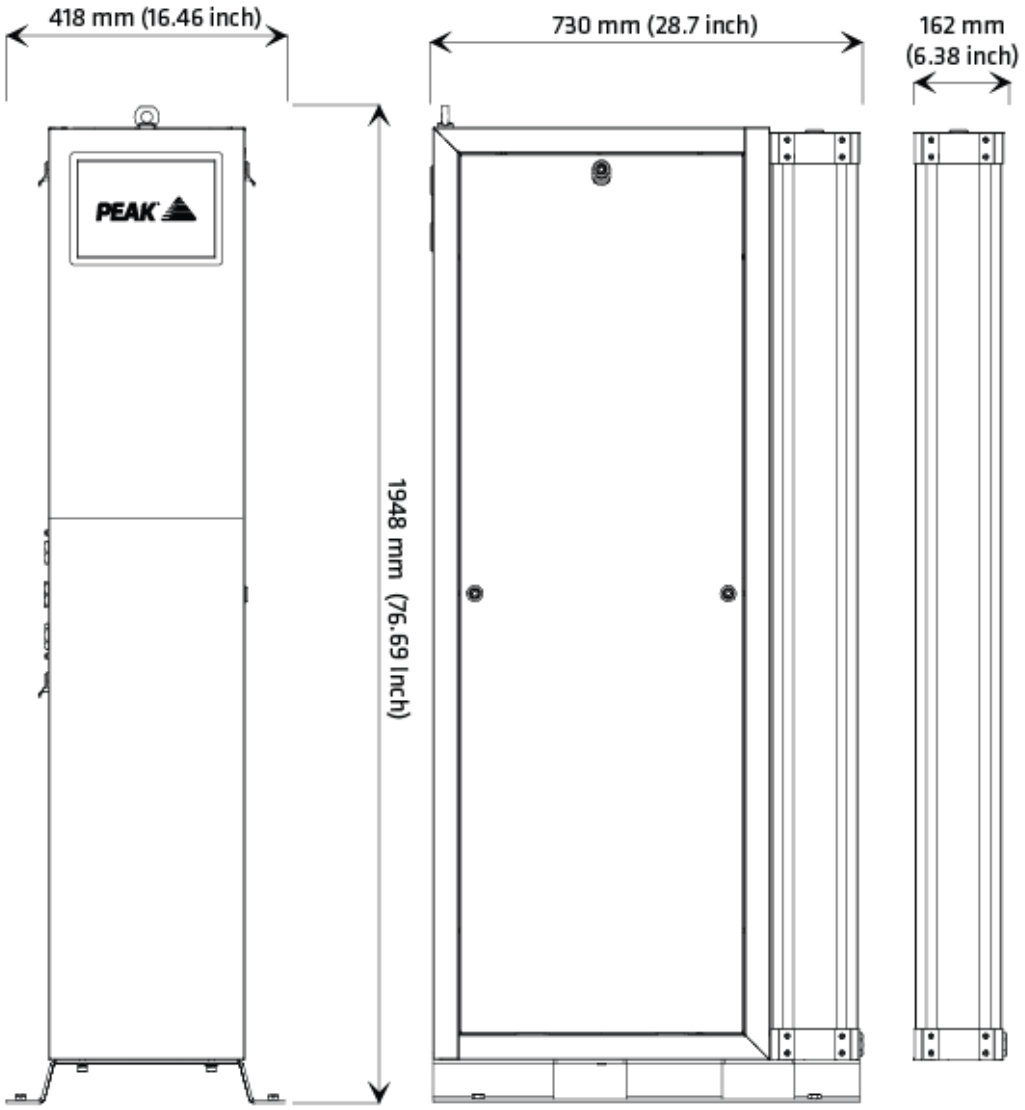
Max Operating Temp: 50°C / 122°F

Particles: <0.01µm

Noise Level: 59dBa @1m

Accreditations: CSA, CE

Dimensions & weight



Size (HxWxD) mm: 1948 x 418 x 730 mm

Size (HxWxD) Inches: 76.7 x 16.5 x 28.7 inches

Generator Weight: 179kg / 393.8lbs

Service Requirements

Annual maintenance

Annual O2 analyzer calibration (optional)

Replace O2 analyzer every 4 years

General

Expand to meet demand: i-FlowLab can be expanded to include up to 10 banks. Each bank is 162mm (6.4") and total depth of a 10 bank system including the i-FlowLab system is 2188mm (86.1").

i-FlowLab Prime 7XX2

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.

Application Types

LC-MS, GC & GC-MS, ICP-MS, FT-IR, MP-AES, CAD & ELSD, Sample Preparation

Part number:
3304462
3304463
3304464
3304465
3304466
3304467
3304468
3304469
3304470
3304471

Status
Available

Integrated compressor
No

Features

- Cost effective, total laboratory nitrogen gas supply solution
- Energy efficient, with low ongoing running costs & minimal maintenance
- Scalable & future-proof design, with ability to expand capacity by adding more CMS columns
- Safe and convenient, no more manual handling or on-site health & safety concerns
- Verified industry standards compliance (EIGA, EC Food Grade, European Pharmacopoeia, JECFA & US FDA)
- Built-in oxygen analyzer, for continuous, real time monitoring of nitrogen purity & quality
- Optional purity safeguard, auto-bypass feature for purity critical applications
- i-Flow generators come ready with remote control & monitoring systems, along with optional interfaces for live status tracking & BMS integration
- Take complete control of your costs & nitrogen gas requirements, by bringing your supply in-house
- Eliminate the need for gas cylinders, LN2 dewars /micro-bulk deliveries or large bulk liquid trucking
- Reduce your on-site carbon footprint & become a self-reliant and sustainable operation

Gas

Gas Type: Nitrogen

Min Gas Flow: 39L/min

Max Gas Flow: 1300L/min

Max Purity: 99.9995%

Site & Installation

Max Inlet Pressure: 167psi/11.5bar

Min Air Inlet Flow: Dependent on required flow rate

Min Inlet Air Quality: ISO 8573-1:2010 Class 2.4.1

Start Up Time: Dependent on model

Power Consumption: 250 Watts

Voltage: 100 - 240 VAC ±10%

Frequency: 50 / 60 Hz

Current: 2.0-1.0 Amp

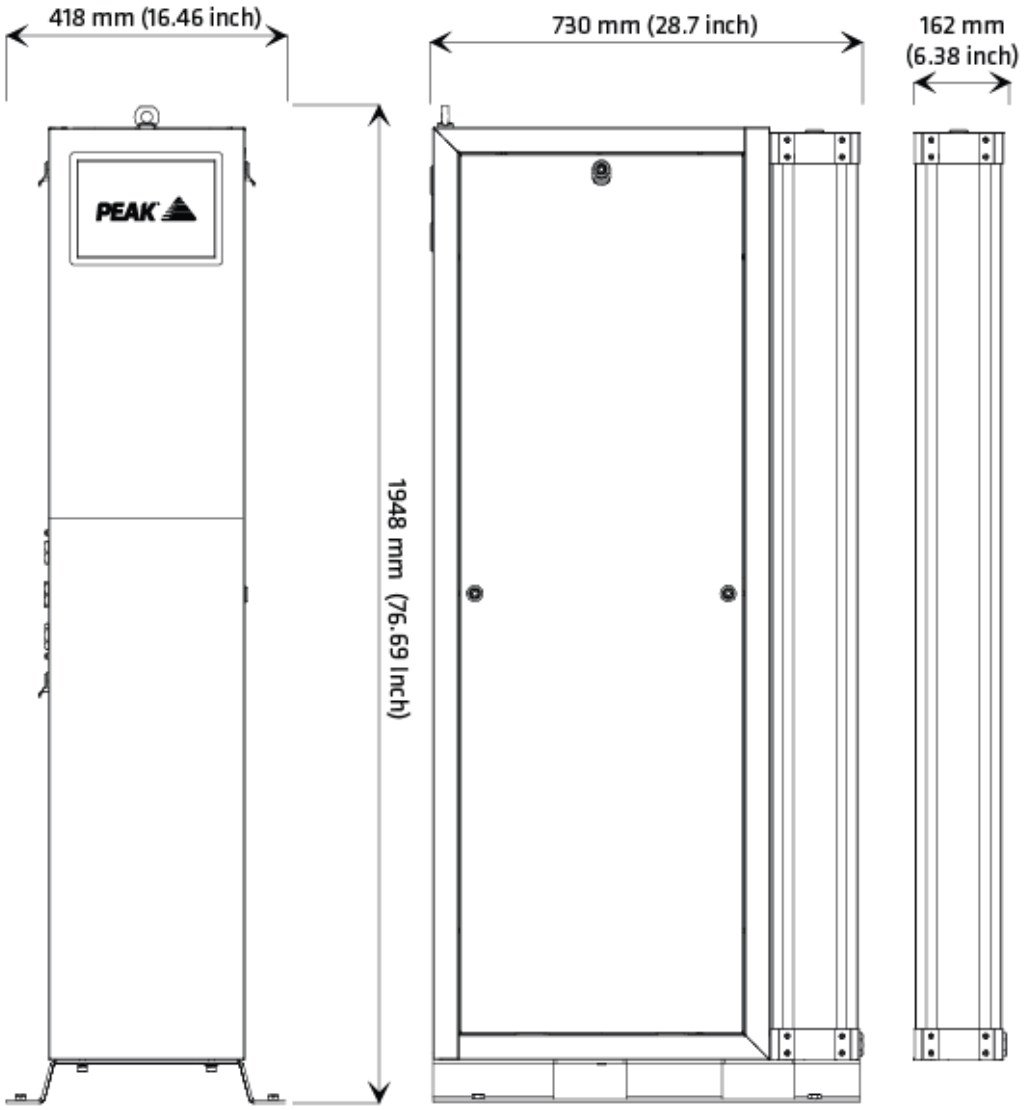
Max Operating Temp: 50°C / 122°F

Particles: <0.01µm

Noise Level: 59dBa @1m

Accreditations: CSA, CE

Dimensions & weight



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Size (HxWxD) Inches: 76.7 x 16.5 x 28.7 inches

Generator Weight: 179kg / 393.8lbs

Service Requirements

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General

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