

HPLC and UHPLC

Peak Scientific—Corona Series Nitrogen Gas Generation System

Made to measure

Peak Scientific Corona nitrogen gas generator benefits

- A nitrogen generator with integrated compressor
- Easily integrates with any Thermo Scientific™ Vanquish™ Charged Aerosol Detector or Thermo Scientific™ Corona™ Veo™ Charged Aerosol Detector
- Space saving and compact design
- Dry, high purity nitrogen on-demand
- User-friendly and cost-effective

Discover what you are missing!

The Peak Scientific Corona series nitrogen generator system provides on-demand high-purity, filtered, dry nitrogen directly to your Charged Aerosol Detector. The Corona series nitrogen generator line-up features two solutions to adapt to your on-site needs:

- Nitrogen generator with integrated air compressor or standalone nitrogen generator requiring compressed air inlet source
- Quiet operation right on your laboratory bench
- Corona series nitrogen generators are designed as a high-purity nitrogen gas solution for use with all Vanquish Charged Aerosol Detectors and Corona Veo Charged Aerosol Detectors
- Corona series nitrogen generators eliminate the inconvenience of connecting gas cylinders—no more tank changing or late delivery headaches
- Ultra-fast start-up time
- Self-diagnostics to ensure trouble-free operation

Keywords

Vanquish Charged Aerosol Detectors, Corona 1010A nitrogen generator with integrated air compressor, Corona 1010 nitrogen generator, Corona Charged Aerosol Detector



Corona 1010A nitrogen generator with integrated air compressor



Corona 1010 nitrogen generator



Vanquish Charged Aerosol Detector on a HPLC system with Corona 1010A nitrogen generator with integrated air compressor



Corona Veo Charged Aerosol Detector with the Corona 1010A nitrogen generator with integrated air compressor

Specifications	Corona 1010A nitrogen generator with integrated air compressor (230 V)	Corona 1010A nitrogen generator with integrated air compressor (110 V)	Corona 1010 nitrogen generator (110–230 V)
Maximum flow rate	5 L/min		
Max gas outlet pressure	0.55 MPa/80 psi/5.52 bar		
Purity	>98%		
Integrated air compressor	Yes		No
Start-up time for purity	5 mins		
Min/max operating ambient temperature	5 °C to 35 °C/41 °F to 95 °F		
Min/max storage temperature	-20 °C to 60 °C/-4 °F to 40 °F		
Maximum altitude	2,000 m		
Maximum relative humidity	80%		
Voltage	~220 to 240 V ± 10%	120 V ± 5%	100 to 230 V
Frequency	50/60 Hz	60 Hz	50/60 Hz
Current	2.3 to 2.7 A	5.2 A	0.10 A
Dimensions (h x w x d)	406 x 417 x 540 mm (16 x 16.4 x 21.3 in.)		156 x 417 x 540 mm (6.2 x 16.4 x 21.3 in.)
Weight kg (lbs)	31.5 kg (69.5 lbs)		12 kg (26.4 lbs)

Ordering information

In the U.S., call (800) 346-6390 or contact the Thermo Fisher Scientific Regional Office nearest you. Outside the U.S., order through your local Thermo Fisher Scientific office or distributor. Refer to the following part numbers:

Description	Part Number
Corona 1010A nitrogen generator with integrated air compressor (230 V). Installation kit included.	6084.8230A
Corona 1010A nitrogen generator with integrated air compressor (110 V). Installation kit included.	6084.8110A
Corona 1010 nitrogen generator (110–230 V). Standalone nitrogen generator for use with compressed air. Installation kit included.	6295.0200

 Learn more at thermofisher.com/CAD

For Research Use Only. Not for use in diagnostic procedures. © 2024 Thermo Fisher Scientific Inc.
All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. This information is presented as an example of the capabilities of Thermo Fisher Scientific products. It is not intended to encourage use of these products in any manner that might infringe the intellectual property rights of others. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details. **PS70970-EN 0324M**