

Corona Nitrogen 1010

Nitrogen Generator

Part Number : 81-4000

Service Kit : 08-9013



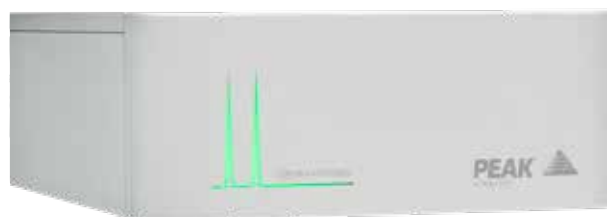
Your local **gas generation** partner

Description

Peak's Corona 1010 model has been developed to meet the demands of labs requiring high purity nitrogen for their applications.

Suitable primarily for Charged Aerosol Detectors, the Corona 1010 generator delivers a high-purity, filtered nitrogen supply for applications requiring flows of up to 5l/min at 80psi.

With a space-saving design, the Corona 1010 can fit seamlessly into any laboratory. Engineered with an optional, dedicated compressor module for customers with no suitable supply of in-house compressed air, the Corona system provides a flexible solution for labs with differing configurations.



Applications

- ThermoFisher Scientific Corona Veo
- ThermoFisher Scientific Vanquish CAD



Corona Nitrogen 1010 shown in a stack with Corona Air Compressor.

Key Features

- Suitable for applications requiring high purity nitrogen
- Available with or without external compressor module
- Dedicated solution for Thermo Scientific's Corona and Vanquish instruments
- Tried and tested membrane technology delivers high purity nitrogen
- Gas is supplied on demand so generator works to your schedule
- The most cost-effective method of gas supply



Technical Specifications

| Corona Nitrogen 1010 | |
|------------------------------|---|
| Max Flow Rate | 5 lpm |
| Max Pressure | 80 psi / 5.5 bar |
| Purity | <2% O ₂ @ 5 L/min |
| Gas Outlets | 1 x 1/4 " BSPP |
| Min Air Inlet Pressure | 7.6 bar / 110 psi |
| Min Air Inlet Flow | 30 lpm |
| Min Inlet Air Quality | ISO8573 - 1:2010 Class 1.4.1 |
| Phthalates | None |
| Suspended Liquids | None |
| Start-Up Time For Purity | 5 minutes |
| Operating Temperature | 5°C - 35°C / 41°F - 95 °F |
| Electrical Requirements | 110-230 VAC 50/60 HZ 0.1 A |
| Power Consumption | 10 Watts |
| Heat Output | Up to 140 BTU/Hr |
| Generator Dimensions (WxDxH) | 41.7 x 54 x 15.6 cm / 16.4 x 21.3 x 6.1 " |
| Generator Weight | 12 Kg (26.4 lbs) |

Ordering Information

| | |
|---------------------------|-----------|
| Part Number | 81-4000 |
| Annual Service | 08-9013 |
| Standard Maintenance Plan | 09 - 3110 |
| Complete Maintenance Plan | 09 - 3010 |

| Corona Air Compressor | 230V | 110V |
|-----------------------|---------|---------|
| Part Number | 85-0555 | 85-1555 |
| Annual Service | 08-8352 | |

[PEAK Protected][™]

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories 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 Scientific's Quality Management System conforms to: ISO:9001:2008



Product Certifications

