

# 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.

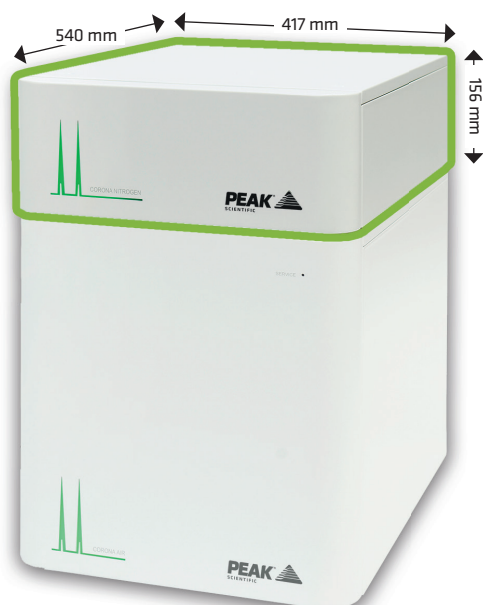
Suitable primarily for Charged Aerosol Detectors, the Corona 1010 generator delivers a high-purity, filtered nitrogen supply for applications requiring flows of up to 5l/min at 80psi.

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



### 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

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



Technical Specifications	Corona Nitrogen 1010
Max Flow Rate	5 lpm
Max Pressure	80 psi / 5.5 bar
Purity	<2% O <sub>2</sub> @ 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 0.03 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**]<sup>™</sup>

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.

Peak Scientific's Quality Management System conforms to: ISO:9001:2008



### Product Certifications





**Wolflabs**

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