

Zero Nitrogen & Zero Air Generator Fusion 1010

The Fusion 1010 Generator just got double smart.

The Peak Scientific Fusion 1010 ingeniously provides two high purity gases from one system and has a unique 'rapid restart' control allowing it to be operational again after any power cut in a fraction of the time normally required. A huge benefit in areas where power supply is erratic.

Fusion 1010 delivers reliable high performance in the laboratory and comes with Peak's world class after sales service as standard.

PEAK SCIENTIFIC. GO WITH THE FLOW.



PEAK 
SCIENTIFIC

Zero Nitrogen & Zero Air Fusion 1010

Features & Benefits:

Zero Nitrogen & Zero Air - Catalyst chamber ensures removal of Hydrocarbons to < 0.1ppm

Unique Design - Only gas generator to supply Zero Nitrogen & Zero Air from 2 separate outlets whilst internal air compressor ensures independence from external air sources

Optimum Analysis - Zero Nitrogen & Zero Air for improved stability and greater reproducibility of results with guaranteed purity

Rapid Restart - Fusion 1010 has been designed to allow for almost immediate supply of Zero Nitrogen & Zero Air after power-cuts of up to 20 minutes

Quiet in Operation - Not audible in normal working lab environment

Mobile - Flexibility to position generator where required, even under standard lab bench, our generators are supplied with caster wheels for easy mobility

The Fusion 1010 Zero Nitrogen & Zero Air Generator is designed specifically for use with GC- ECD and GC- FID. It may also be used with THA applications.

Technical Specifications

Zero Nitrogen	0.6 L/min @ 5.6 bar - 0.021 CFM @ 80 psi
Zero Nitrogen Purity (O2 content)	99.9995%
Zero Nitrogen Hydrocarbon Content (as Methane)	< 0.1ppm
Zero Air	1.5 L/min @ 60 psi - 0.052 CFM @ 4.2 bar
Zero Air Hydrocarbon Content (as Methane)	< 0.1ppm
Max Relative Humidity	80%
Maximum Altitude	2000 Meters
Particles	0.1µm
Outlets 1/4" BSP Female	2
Pressure Gauges	2
Phthalates	None
Internal Air Compressor	Yes
Start Up Time	3 hours
Noise Level (db(A))	54 dBA @ 1m
Electrical Requirements	230V ± 10%, 50/ 60 Hz, 4.5A
Power Consumption	1035 watts
Dimensions (cms/ ins) WxDxH	51.1 x 76.2 x 71.2 / 20.1 x 30 x 28
Weight (kg/ lbs)	86.5kg / 191lb

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



FM 515973

Product Accreditations:



Ordering Information

Part Number: Fusion 1010

10-9240

Annual Service Kit Fusion 1010

08-8313

Standard Maintenance Plan

09-3110

Complete Maintenance Plan

09-3010

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