

Precision Zero Air

Agilent Approved Zero Air Generator for GC

Part Number : See Reverse

Service Kit : 08-3611



Your local **gas generation** partner

Description

The Precision Zero Air generators are designed specifically to supply clean, dry, hydrocarbon-free air to be used as flame support gas for GC at both standard and trace detection limits. The Precision Zero Air is available as a 3PP product for **Agilent Technologies**, delivering 1.5 and 3.5 liters per minute flow rate, dependent upon the specific requirements.

As with all Precision Series generators, Zero Air benefits from a compact and modular, stackable design, minimizing the total footprint required for GC gas supply, and providing flexibility to add or remove modules as your laboratory requirements evolve over time.



Applications

- ↓ **Detector Gas**
 - Flame Support / Air



Precision Zero Air pictured in a typical Precision stack featuring additional Nitrogen and Hydrogen modules.

Key Features

- ↓ Integrates seamlessly with other Precision units
- ↓ Hydrocarbon content <0.05ppm for market-leading purity
- ↓ Minimum lifetime maintenance requirements, no expensive catalyst chamber replacements
- ↓ Avoid risk of contaminants entering the system (when switching out empty cylinders)
- ↓ No risk of running out of gas in middle of analysis
- ↓ Compatible with Precision air compressor
- ↓ Free 12 month warranty [Peak Protected] plans available.
- ↓ Status indicative lighting feature (amber warm-up, blue ready)



Agilent Technologies

Approved GC gas solution

Technical Specifications	Zero Air 1.5L	Zero Air 3.5L
Max Flow Rate	1.5L/min	3.5L/min
Max Pressure	80 psi / 5.5 bar	
Hydrocarbon Concentration (as Methane)	<0.05ppm	
Gas Outlets	1 x 1/4" BSPP	
Min/Max Air Inlet Pressure	90-145 psi / 6.2-10 bar	
Min Air Inlet Flow	1.5L/min	3.5L/min
Min Inlet Air Quality	ISO8573 - 1:2010 Class 1.4.1	
Phthalates	None	
Suspended Liquids	None	
Start-Up Time For Purity	60 minutes	
Operating Temperature	5°C - 35°C / 41°F - 95°F	
Electrical Requirements	110/230VAC 50/60Hz 2/1A	
Power Consumption	220 Watts or 230 Watts	
Heat Output	up to 785 BTU/Hr	
Generator Dimensions	38.0 x 54.0 x 15.6 cm / 14.9 x 21.2 x 6.14"	
Generator Weight	16 Kg / 35 lbs	
Noise Level	Silent in operation	

Ordering Information	110 V	230 V	110 V	230 V
Part Number	70-1501	70-1500	70-3501	70-3500
Annual Service Kit	08-3611			
Standard Maintenance Plan	09 - 3110			
Complete Maintenance Plan	09 - 3010			

Precision Air Compressor	110v	230v	Annual Service Kit
Part Number	84-1555	84-0555	08-8372

[PEAK Protected]TM

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



FM 515973

Product Certifications

