



Laboratory Gas Generators

TECHNICAL DATA SHEET

'LABGAS+' - Intelligent Gas Generators

PURE AIR GENERATORS

'LABGAS+', is the latest range of PSA Pure Air and Laboratory Gas Generators from Noblegen Products.

Utilising the reliable and efficient PSA technique of separating moisture is used to produce high quality Pure Instrument Air at various flows and purities (see performance data sheets).

The Generators are controlled using the latest in HMI touch screen technology to display the process in real-time, inlet / outlet pressures, Trend graphs and much more.....



model AG3-1 shown

New features include:-

- Alarm display with help menu
- Outlet Flow Indicator
- Trend graphs for QA reporting
- Energy saving mode
- Remote access to Screen using internet
- Service alarm and service records page
- Dew-Point Sensor (optional)

Overview:-

LABGAS+ Pure Air and Generator range from Noblegen Products is your reliable and efficient alternative to conventional high pressure cylinder and liquid gas supplies. Taking away the on-going costs, safety considerations and transportation of traditional gas supplies, the 'LABGAS+' on-site Pure Air systems are some of the most advanced and intelligent available. The control system gives the user all the information necessary to ensure an efficient and consistent supply of gas is always available. From the process to flow and alarms, including auto-start / stop function, Trend graphs, service alarm and service records page, there is simply no other laboratory gas system quite like LABGAS+.



Noblegen is a Wirac Automation Product

Features

- Range of Flow-rates
- With or without Internal oil-free air compressor
- Compact and Quiet design
- Purity -55 Degrees C minimum
- Auto-run facility
- Energy saving mode
- Outlet flow indicator (% flow)
- Trend graphs into MS excel
- Alarms with help menu
- Audible alarm sounder
- Remote access via internet

Applications

- Pharmaceutical & Laboratory:-
- General laboratory
- GC-ATD
- NMR
- AA

Options

- Hazardous Area Ex Version
- Custom Screens
- Dew-point sensor

NOBLEGEN PRODUCTS

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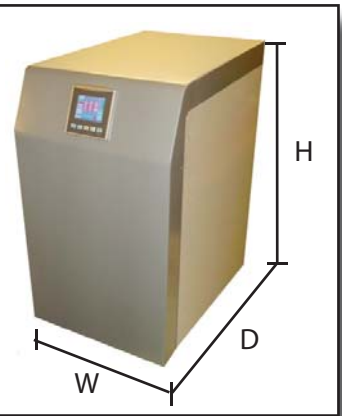
PURE AIR SPECIFICATION TABLE				
Model	AIR FLOW L/MIN	OUTLET PRESSURE	AIR DEWPOINT	Dims -1
AG3-0	3.0	5 BARG	-55 C	size 1
AG3-1	3.0	5 BARG	-55 C	size 1
AG6-0	6.0	5 BARG	-55 C	size 1
AG6-1	6.0	5 BARG	-55 C	size 1

Specification based on 7barg (102psig) air inlet pressure @ 20°-25°C (68°-77°F) ambient air temperature. For inlet pressures and ambient air temperature outside these conditions please contact NobleGen technical department.

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- Options**
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Ambient Temp Range	5-30 °C (41-86 °F)
Air Inlet Pressure	8 bar g (116 psi g) -0 units only
Outlet Pressure	See table above
Air Inlet Requirement	Dew-point +5 °C (+41 °F)
	Particulate: <0.1 micron
	Oil: <0.01 mg/m ³
Electrical Supply	230v a.c. / 1ph / 50-60Hz
	115v a.c. / 1ph / 50-60Hz
Socket Inlet	IEC type C14 (fused) 10A max
Inlet / Outlet Connections	1/4" BSPP

Dimensions & Weights				
Enclosure size	Height mm	Width mm	Depth mm	Weight Kg
Size 1	650	320	550	50
Shipping dimensions add 50mm to each above Shipping weight add 15kg to each above				



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