

‘LABGAS+ ’ - Intelligent Gas Generators

“LABGAS+ ’, is the latest range of combined Zero Air & Nitrogen PSA Laboratory Gas Generators from SLS Products.

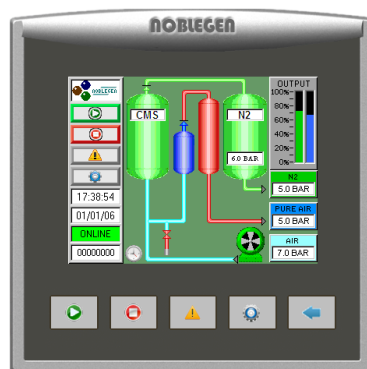
Utilising the reliable and efficient PSA technique of separating Nitrogen, Oxygen and water combined with a heated catalyst to produce high quality Zero Air & Nitrogen Gases at various flows (see performance data sheets).

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.....



Features

- Range of Flow-rates
- With or without Internal oil-free air compressor
- Compact and Quiet design
- Purity 99.9995%
- Auto-run facility
- Energy saving mode (timer)
- Outlet flow indicator (% flow)
- Trend graphs into MS excel
- Alarms with help menu
- Audible alarm sounder
- Remote access via internet



Colour HMI Touch Screen

Applications

- Pharmaceutical & Laboratory
- General laboratory
- GC

LABGAS+ Combined Zero Air & Nitrogen Generator range from SLS 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 Zero Air & Nitrogen 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 nitrogen system quite like LABGAS+.

The LABGAS+ is one of the most economical range of Zero Air & Nitrogen generators on the market for both purchase price and on-going running / maintenance costs. Together with our unrivalled experience and knowledge of laboratory gas generators with 1000’s running world-wide supported by our national and international partners.

Nitrogen Outlet Flowrate - NI/min vs Oxygen Concentration

Model	N2 Flow	Zero Air Flow	Oxygen	Dew-point	outlet pressure (psi g)	Dims -0	Dims -1
ANG1	1.0	1.5	<5ppm	-40°C	75.0	Size 1	Size 1
ANG3	3.0	3.0	<5ppm	-40°C	75.0	Size 2	Size 2

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

Specifications

Ambient Temp Range	5-30 °C (41-86 °F)
Air Inlet Pressure	8 bar g (116 psi g)
Air & N2 Outlet Pressure*	See table above
Zero Air outlet Specification	Dew-point -40 °C (-40 °F)
	Particulate: <0.1 micron
	THC: <0.01ppm including methane
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 and Weights

Enclosure	Length	Width	Height	-0 Weight	-1 Weight
Size 1	550	320	650	65	75
Size 2	660	400	700	90	115

Note: Dimensions in mm, weights in kgs.

