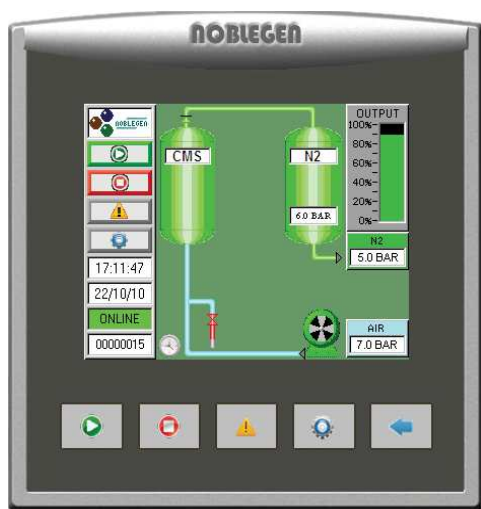


'ZN-LABGAS+' - Intelligent Gas Generators

'ZN-LABGAS+', is the latest range of PSA Laboratory Gas Generators from SLS Products.

Utilising the reliable and efficient PSA technique of separating Nitrogen and Oxygen combined with a heated catalyst are used to produce high quality Zero Nitrogen Gas with total hydrocarbons include methane to <0.1ppm 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 ZNG1-1 shown

New features include:-

- Alarm display with help menu
- Outlet Flow Indicator
- Heater Temperature display
- Trend graphs for QA reporting
- Energy saving mode (NG6 and NG7)
- Remote access to Screen using internet
- Service alarm and service records page
- Oxygen Analyser (optional)

ZN-LABGAS+ Zero 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 'ZN-LABGAS+' on-site Zero 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+.

NITROGEN OUTLET FLOWRATE - NL/MIN VS OXYGEN CONCENTRATION

Model	5ppm	100ppm	0.1%	0.5%	1.0%	2.0%	Outlet pressure (barg)	Dims -0	Dims -1
ZNG1	1.0	-	-	-	-	-	5.0	SIZE 2	SIZE 2
ZNG3	3.0	-	-	-	-	-	5.0	SIZE 3	SIZE 3
ZNG4	-	1.0	3.0	4.0	-	-	5.5	SIZE 2	SIZE 2
ZNG5	-	4.0	6.0	8.0	10.0	12.0	5.0	SIZE 3	SIZE 3
ZNG6	6.0	10.0	16.0	30.0	35.0	40.0	7.0	SIZE 4	SIZE 4
ZNG7	4.0	8.0	10.0	15.0	20.0	25.0	7.0	SIZE 4	SIZE 4

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 your SLS Sales Representative.

Ambient Temp Range	5-30 °C (41-86 °F)
Air Inlet Pressure	8 bar g (116 psi g)
Zero Air Outlet Pressure*	See table above
Air Inlet Requirement	Dew-point -40 °C (-40 °F)
	Particulate: <0.1 micron
	Oil: <0.01 mg/m ³
	<0.1ppm THC inc menthane
Electrical Supply	230v a.c. / 1ph / 50-60Hz
	115v a.c. / 1ph / 50-60Hz
Socket Inlet	IEC type C14 (fused) 10A max

Features

Range of Flow-rates
with or without internal oil-free
air compressor
Compact and quiet design
Purity 99.9995% - 98%
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
General laboratory
GC
ELSD
LC/MS
ICP
Turbovap

Options

Hazardous Area Ex version
Custom screens
Oxygen analyser
Dew-point sensor

DIMENSIONS & WEIGHTS

Enclosure size	Height, mm	Width, mm	Depth, mm	Weight, kg
SIZE 2	650	320	550	65
SIZE 3	700	450	650	85
SIZE 4	1200	600	600	105

SIZE 4 enclosure has castors: add 50mm to height

Shipping dimensions add 50mm to each above
Shipping weight add 17kg to each above

