

‘AIR & NITROGEN’ COMBINED AIR AND NITROGEN GAS GENERATORS

Features:-

- VARIOUS FLOW RATES
- DIGITAL DISPLAY
- COMPRESSOR ISOLATED FROM PROCESS PARTS
- ALL PROCESS PIPE WORK COPPER
- PSA CARBON SIEVE WARRANTY FOR LIFE
- PSA USED FOR DRY AIR AND NITROGEN PRODUCTION
- COMPACT DESIGN
- 2 YEAR FULL WARRANTY INCLUDES COMPRESSORS
- HAZARDOUS AREA Ex VERSION AVAILABLE



DIGITAL DISPLAY FOR:-

- MODEL
- INLET / OUTLET PRESSURE
- HOURS RUN METER
- PLC STATUS LED

NobleGen's range of laboratory and light industrial Combined Air and Nitrogen Gas Generators are some of best designed PSA Nitrogen Gas Generators available. Utilising the reliable and efficient PSA technique of separating Nitrogen and Oxygen combined with drying the air is used to produce high quality Pure instrument Air & Nitrogen gas. The Generator is controlled using the latest PLC and display technology to ensure faultless operation and ease of use.

Application Industries:-

- GC
- Sample Preparation
- Solvent Evaporation

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TECHNICAL SPECIFICATION

LABORATORY & LIGHT INDUSTRIAL ZERO NITROGEN GENERATOR RANGE

Model	Inlet / Outlet Flow l/min (Air / N2)	Dimensions mm (ins)			Weight Kg (lbs)
		Height mm (ins)	Width mm (ins)	Depth mm (ins)	
ANG1-0	1.5 / 1.0	650 (25)	320 (12.5)	650 (25)	20 (55)
ANG1-1	1.5 / 1.0	650 (25)	320 (12.5)	650 (25)	45 (99)
ANG3-0	3.0 / 3.0	725 (28.5)	450 (17.7)	665 (26.1)	58 (127)
ANG3-1	3.0 / 3.0	725 (28.5)	450 (17.7)	665 (26.1)	80 (176)

Technical Data

Ambient Temp range	5-35°C (41-95°F)
Maximum air Inlet Pressure	8 barg (116 psig)
N2 / Air Outlet Pressure	5 barg
Gas Purity	N2 99.9995% / Air -40°C
Air Inlet Requirement (units without compressor)	Dewpoint: -40°C (-40°F)
	Particulate: <0.1 micron
	Oil: <0.01 mg/m ³
Electrical Supply	220v a.c. / 1ph / 50Hz or
	110v a.c. / 1ph / 50-60Hz
Inlet / Outlet connections	G 1/4" (BSP) Female

Standard Features

- ◆ Generators available with & without internal compressor
- ◆ Digital display of pressure, model, hours run meter
- ◆ All pipe work is copper to increase gas quality
- ◆ 2 Year warranty includes compressors
- ◆ Life-time warranty on PSA carbon sieve

Options

- ◆ Screen can be customised for users design
- ◆ Ex Hazardous area version



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