

# LN2

# LIQUID NITROGEN GENERATORS

## 'TRITON2s' - Intelligent LN2 Generators

'TRITON2s' is the latest 'air cooled' Liquid Nitrogen Generator from Noblegen Products.

Utilising a new 'AWG' cooling system to make TRITON2 the most efficient small 8l/day LN2 production system available.

The liquid nitrogen is stored within a suitable sized vacuum insulated tank and the product can be dispensed using its specially designed front loading flask dispenser. Other dispense methods are available on request.

### Features

- New quiet operation.
- Internal air compressor.
- Nitrogen produced using our own PSA nitrogen generator.
- LN2 at 99% purity.
- Nitrogen injection system for pre-cooling of gas prior to liquefaction.
- 35 Litre LN2 storage dewar
- All cryogenic parts are vacuum insulated.
- Colour level indicator (0-100%)
- Small footprint.
- Low power.



**FRONT FLASK  
DISPENSE**



### Options

- Rear hose connection
- Vacuum hoses available
- Foot pedal dispensing
- Triton2s+ for hose dispense

The Noblegen Cryogenics TRITON2s liquid nitrogen generator is your reliable and efficient on-site plug and produce cryogenic solution. With a small footprint, low power consumption and now utilising a low noise system makes the TRITON2s the best solution available on the market. With integrated cooling can operate up to +32°C ambient temperatures making it suitable to operate in most parts of the World. Simply connect the power and press start for the machine to automatically produce liquid nitrogen when needed. The safe front flask dispenser makes dispensing LN2 safer than ever with other options such as a rear hose connection available to connect to low use freezers.

**MADE IN BRITAIN** 

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## Specifications

Liquid nitrogen production (l/hr)	0.33 (8 l/day @ 50hz)
Liquid nitrogen purity	>99% (<1.0% O2)
Liquid nitrogen tank volume (litres)	35
Liquid nitrogen Pressure (bar g)	Up to 1.5*
Power consumption (Kw)	1.5
Power supply (1Ø + neutral and earth)	110-240 50/60Hz
LN2 enclosure foot print (on wheels)	0.6m x 0.8m
LN2 enclosure height	1.7m
LN2 enclosure weight	150Kg
Noise level	<55 dBA

LN2 production rate at +25°C and <2,000 metres altitude and at 50Hz (for 60Hz add 20% production rate). For higher altitudes please consult Noblegen for advice.

\*Higher pressures available on request up to 4 bar.

## Options



Cryogenic safety equipment



O2 depletion alarm



Cryogenic hoses