



NOBLEGEN
cryogenics

Triton LN20

High purity liquid nitrogen generator

The Triton Series is a range of reliable, compact and highly efficient on-site plug and play liquid nitrogen generators. Supporting numerous applications in laboratories, research institutes, universities, hospitals, dermatology clinics and many more, the small footprint, low power consumption and low noise system make the Triton one of the most user-friendly on-demand liquid nitrogen generators available on the market today.

Triton liquid nitrogen generators come with numerous safety features as standard, giving you complete peace of mind and a far safer, dependable and more convenient alternative to liquid nitrogen deliveries. Simply connect the power and press 'start' for the machine to automatically produce liquid nitrogen for use when ready.

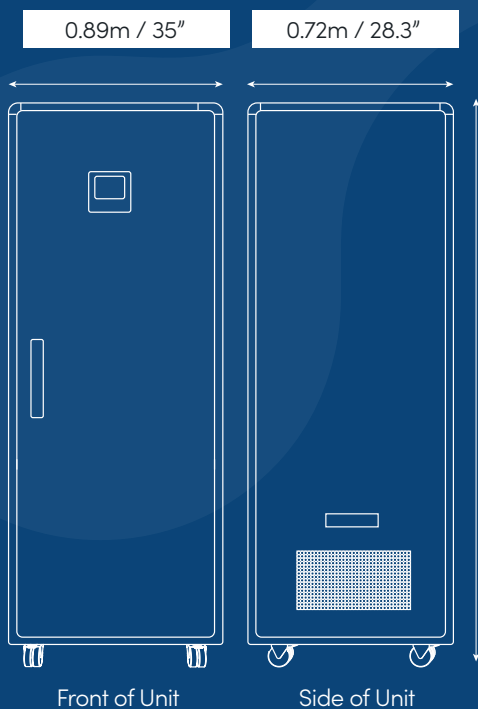
The Triton LN20 is one of our larger single cabinet liquid nitrogen generators with a production rate of 20 litres per day and comes with a 1.5m non-insulated hose as standard. Triton LN20 is ideal for space constraint facilities where more frequent and higher volumes of liquid nitrogen are required.



Application

On-demand nitrogen source for:

- ▶ IVF
- ▶ Animal husbandry
- ▶ Bio-preservation
- ▶ Pharmaceuticals
- ▶ Dermatology
- ▶ Semi-conductor research



Features

- ▶ Plug and play
- ▶ High purity sterile liquid nitrogen
- ▶ Intelligent level sensor
- ▶ Automatic standby when liquid nitrogen storage full
- ▶ Colour touch screen with real time display
- ▶ Vacuum protection system
- ▶ Nitrogen pulse flow system™
- ▶ Built-in oxygen analyser
- ▶ Sterile filtration
- ▶ Low power consumption

Technical Specifications	Triton LN20
LN ₂ production (L/day)	20 @ standard 1.5 bar
LN ₂ purity	>99%
LN ₂ tank volume (L)	35
LN ₂ pressure (bar g)	up to 1.5
Power consumption (kW)	3.2
Power supply	230VAC 50/60Hz
Operating temperature	5°C (41°F) to 28°C (82°F)
Max altitude (m)	2000
Noise (dBA)	<60
Generator dimensions (WxDxH)	0.89m x 0.72m x 1.91m (35 x 28.3 x 75.1 in)
Shipping dimensions (WxDxH)	1.09m x 1.08m x 2.16m (42.9 x 42.5 x 85 in)
Net weight	352kg (776 lbs)
Shipping weight	501kg (1105 lbs)

LN₂ production rates stated at +25°C ambient temperature and <2,000 metres altitude.

Ordering Information	
Part Number	NG20-0002
Service Plan	visit: www.noblelegencyrogenics.com/contact-us

Accessories Table	
NG03-0002	Non-Vacuum Insulated Hose (1.5m)
NG03-0001	Vacuum Insulated Hose (1.5m)
NG04-0153	PPE Safety Kit

Certifications



Find out more

Website: www.noblelegencyrogenics.com | **Email:** sales@noblelegencycryo.com

Tel: +44 (0) 191 460 1177

For a full list of our worldwide office locations, please visit our website

6 Brooklands Way,
Boldon Business Park,
Boldon
NE35 9LZ
United Kingdom