



**NOBLEGEN**  
cryogenics

# Triton LN10

## LN2 generator with innovative maintenance-free cryocooler technology

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.

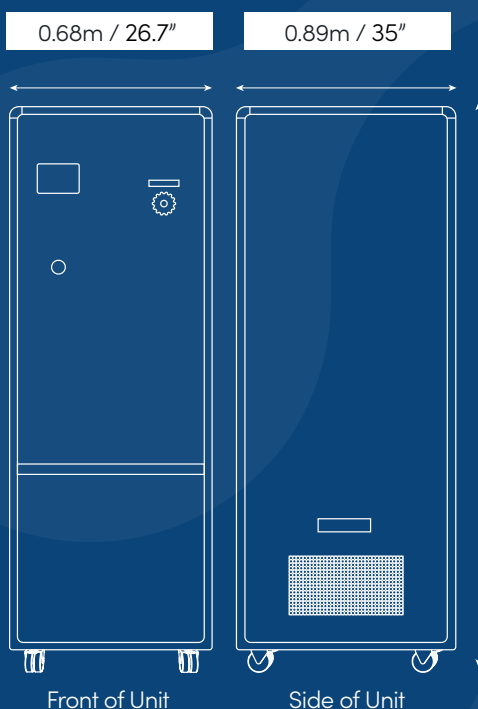
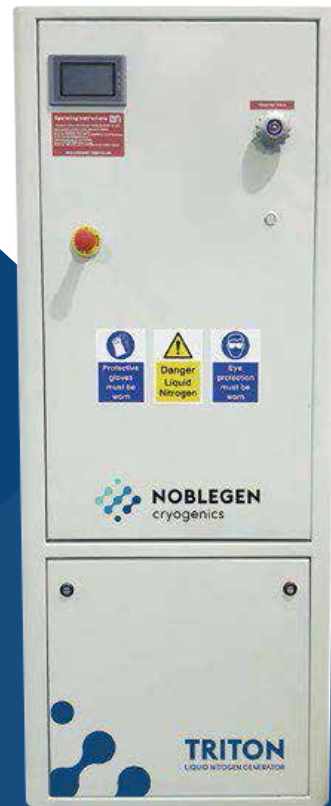
The Triton's maintenance-free, low-vibration cryocooler using proprietary technology enhances the longevity of the generator. Minimizing disruption for sensitive applications, it helps deliver higher generation efficiency and lowers overall cost of ownership.

The Triton LN10 produces 10 litres per day and comes with a 1.5m non-vacuum insulated hose as standard. An internal storage volume of 35 litres allows for quick and efficient filling of freezers or dewars without having to transfer from bulk.

## Application

On-demand nitrogen source for:

- ▶ Cell & Tissue Storage
- ▶ IVF
- ▶ Cryogenic Cooling in FTIR, GCxGC
- ▶ Cryomilling
- ▶ NMR
- ▶ Cryo-EM



### Features

- ▶ Plug and play
- ▶ Safe hose dispense system
- ▶ 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™
- ▶ Sterile filtration
- ▶ Emergency stop
- ▶ Zero loss pressure system

Technical Specifications	Triton LN10
LN <sub>2</sub> production (L/day)	10 @ standard 1.5 bar
LN <sub>2</sub> purity	98.5%
LN <sub>2</sub> tank volume (L)	35
LN <sub>2</sub> pressure (bar g)	up to 1.5
Power consumption (kW)	1.9
Power supply	230VAC 50/60Hz
Operating temperature	5°C (41°F) to 28°C (82°F)
Heat output to air	6,483 BTU/hr (local to generator)
Max altitude (m)	2000
Noise (dBA)	<65
Generator dimensions (WxDxH)	0.68m x 0.89m x 1.71m (26.7 x 35 x 67.3 in)
Shipping dimensions (WxDxH)	1.06m x 1.06m x 1.95m (41.7 x 41.7 x 76.7 in)
Net weight (kg)	270 (595 lbs)
Shipping weight (kg)	380 (838 lbs)

LN<sub>2</sub> production rates stated at +25°C ambient temperature and <2,000 metres altitude.

Ordering Information	
Part Number	NG20-0008
Service Plan	<b>visit:</b> <a href="http://www.noblegencycryogenics.com/contact-us">www.noblegencycryogenics.com/contact-us</a>

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

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