Triton LN10 F

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.

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.

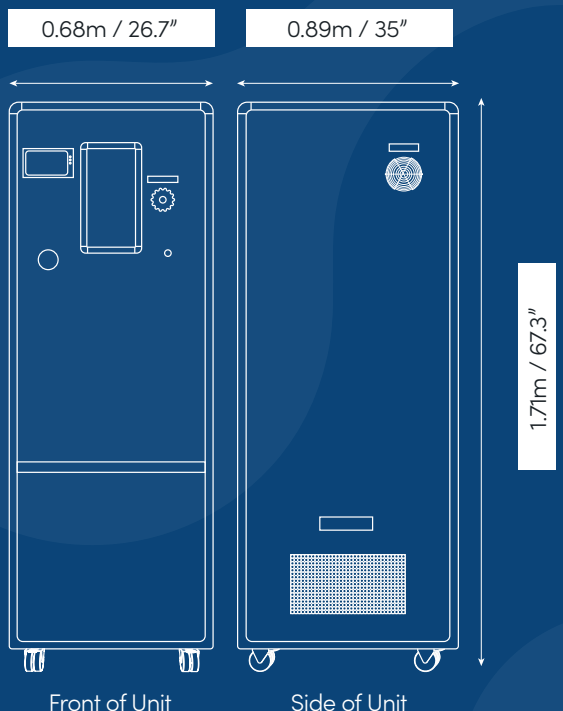
The Triton LN10 F produces 10 litres per day and is unique in that it has a front flask dispenser which allows for safe dispensing of small flask volumes of liquid nitrogen. A hose can also be connected if required and can be purchased separately.



Application

On-demand nitrogen source for:

- Cryogenic Sample Storage
- IVF
- Cryogenic Cooling in FTIR, GCxGC
- Cryomilling
- Dermatology
- Cryo-EM



Features

- Plug and play
- Flask recess
- Optional hose dispense
- 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

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Technical Specifications	Triton LN10 F
LN_2 production (L/day)	10 @ 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)	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
Flask recess dimensions (WxDxH)	150 mm x 100mm x 300mm (5.9 x 3.9 x 11.8 in)
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	270kg (595 lbs)
Shipping weight	380kg (838 lbs)

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

Ordering Information	
Part Number	NG20-0007
Service Plan	**visit:** www.noblegencryogenics.com/contact-us

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

Certifications

CE

Find out more

Website: www.noblegencryogenics.com | **Email:** sales@noblegencryo.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

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