



Liquid Nitrogen Generator Specification Sheet

TRITON₂+

Liquid Nitrogen Production Rate:	10-12 litres/day (0.41-0.50 litres/hr) @ 50Hz 12-14.4 litres/ day (0.50-0.58 litres/hr) @ 60Hz
Enclosure Dimensions:	0.8m (L) x 0.6m (W) x 1.7m (H)
Enclosure Weight:	300 Kg (on wheels)
Dewar Volume:	50 Litres
Helium Compressor:	Air cooled
Electrical Input options:	1 Phase: 110v, 200v, 220v, 230/240v 50/60Hz
Power Consumption:	1.5kw @ 50Hz / 1.8kw @ 60Hz
Helium Compressor Cooling :	Air cooled up to +32°c ambient
Ambient Temperature Range:	+4°c to +32°c
Maximum altitude:	2,000 metres – higher altitudes available
Compressed Air Requirement:	Internal oil-free compressor included
Noise Level:	<55dBA @ 1 metre
Control System:	Internal PLC
Tank Level high / low Setting:	100% stop / 50% restart (automatic)
Liquid Nitrogen Pressure:	1 bar g (1.5 bar g relief valve)
Main Features:	Dewar Vacuum Protection System Push button dispense (1.5 metre hose dispense optional)
Certification:	Dewar – EN 13458 / 97/23/EC; System – CE / ISO9001:2008

