



Liquid Nitrogen Generator Specification Sheet LN30

Liquid Nitrogen Production Rate:	30 litres/day (1.25 litres/hr)
Enclosure Dimensions:	1.2m (L) x 0.6m (W) x 1.8m (H)
Enclosure Weight:	350 Kg (on wheels)
Dewar Volume:	100 Litres
Cold Head Assembly:	1 x CH-110
Helium Compressor:	1 x HC-4E (water cooled)
Electrical Input options:	1 Phase: 200v, 220v, 230/240v 50Hz, 220v 60Hz
Power Consumption:	3.0kw @ 50Hz / 3.4kw @ 60Hz
Helium Compressor Cooling :	Water cooled – 5kw of cooling power @ 25°C
Ambient Temperature Range:	+4°C to +50°C
Maximum altitude:	10,000 feet (3,000 metres) – higher altitudes available
Compressed Air Requirement:	Internal oil-free compressor included
Noise Level:	<65dBA @ 1 metre
Control System:	HMI colour graphic touch screen
Tank Level high / low Setting:	Adjustable – 0 – 100%
Liquid Nitrogen Pressure:	1 bar g (1.5 bar g relief valve)
Main Features:	Dewar Vacuum Protection System Oxygen analyser with alarm
Certification:	Dewar – EN 13458 / 97/23/EC; System – CE / ISO9001:2008

