



Liquid Nitrogen Generator Specification Sheet

LN480AC

Liquid Nitrogen Production Rate:	480 litres/day (20 litres/hr) @99% purity (Nitrogen+ Inert) at 1 barg pressure
Skid Dimensions:	3.5m (L) x 2.5m (W) x 2.6m (H) – excludes air compressor
Skid Weight:	2,600 Kg
Dewar Volume:	1,000 Liters standard
Cold Head Assembly:	6 x cold-heads
Helium Compressor:	6 x Air cooled type
Electrical Input options:	480v / 3ph - 60Hz or 380v/400v/415v / 3ph - 50Hz 200v / 3ph – 50/60Hz
Power Consumption:	49.5 kw , @2.5kw per liter
Cooling Requirement:	Air cooled
Ambient Temperature Range:	+5°c to +45°c
Maximum altitude:	10,000 feet (3,000 metres) – higher altitudes available
Nitrogen Gas Requirement:	240 LPM / <1% Oxygen (model MNG106L supplied)
Compressed Air Requirement:	0.90m ³ /min @ 8 bar
Noise Level:	<65dBA @ 1 metre
Control System:	HMI colour graphic touch screen
Tank Level high / low Setting:	Adjustable – 0 – 100%
Main Features:	Dewar Vacuum Protection System 33.3%, 66.6, 100%, production control Complete system auto restart on power failure
Certification:	Dewar – EN 13458 / 97/23/EC; System – CE / ISO9001:2008

