



## Liquid Nitrogen Generator Specification Sheet

### LN15AC

|                                  |  |
|----------------------------------|--|
| Liquid Nitrogen Production Rate: | 15 litres/day (0.63 litres/hr)                               |
| Enclosure Dimensions:            | 1.2m (L) x 0.6m (W) x 1.8m (H)                               |
| Enclosure Weight:                | 350 Kg (on wheels)   |
| Dewar Volume:                    | 50 Litres  |
| Cold Head Assembly:              | 1 x CH-110   |
| Helium Compressor:               | 1 x HC-4A (air cooled)                                       |
| Electrical Input options:        | 1 Phase: 200v, 220v, 230/240v 50Hz, 220v 60Hz                |
| Power Consumption:               | 3.0kw @ 50Hz / 3.4kw @ 60Hz                                  |
| Helium Compressor Cooling :      | Air cooled up to +32°C ambient                               |
| Ambient Temperature Range:       | +4°C to +32°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<br>Oxygen analyser with alarm |
| Certification:                   | Dewar – EN 13458 / 97/23/EC; System – CE / ISO9001:2008      |

