

## Cryolab Series

### Aluminium LN2 Storage Dewars

The Cryolab Series are manufactured to a proven design, giving strength and durability to a lightweight aluminium construction. Cryolab Dewars combine the qualities of *high thermal efficiency, easy handling and maximum safety.*

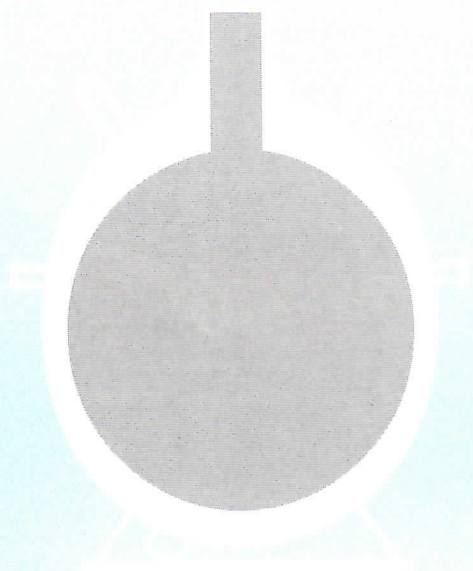
The Cryolab Series of liquid nitrogen dewars are designed specifically for the storage and decanting of liquid nitrogen.

A range of storage capacities from 2 litres to 50 litres is available to suit individual user requirements.

**Duralab 25** - Heavy duty, stainless steel dewar. Ideally suited to the more rigorous handling requirements experienced in industrial applications.

#### Features

- 7 different models, Capacities 2L – 50L.
- Strong, lightweight aluminium construction.
- High thermal efficiency.
- Ultra Low Loss evaporation rates.
- Optimum holding times.
- Standard bucket or dual grip handles available.
- Accessories: liquid withdrawal devices, roller bases and tipping trolleys.
- **3 Year Warranty on Vacuum.**



Cryolab 25 Schematic

#### Technical Specifications

| Model                     | Cryolab 2 | Cryolab 5 | Cryolab 10 | Cryolab 20 | Cryolab 25 | Duralab 25 | Cryolab 35 | Cryolab 50 |
|---------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Capacity, litres          | 2         | 5         | 10         | 20         | 25         | 25         | 35         | 50         |
| Evaporation Rate, L/day   | 0.08      | 0.18      | 0.2        | 0.18       | 0.25       | 0.6        | 0.27       | 0.28       |
| Static holding time, days | 25        | 28        | 50         | 111        | 100        | 41         | 130        | 179        |
| Weight empty, kg          | 2.8       | 4.1       | 5.6        | 9.1        | 7.4        | 12.2       | 12.2       | 15.5       |
| Weight full, kg           | 4.4       | 8.1       | 13.7       | 25.3       | 27.6       | 32.4       | 40.5       | 55.9       |
| Neck diameter, mm         | 32        | 51        | 51         | 51         | 51         | 49.5       | 63         | 63         |
| Overall height, mm        | 385       | 495       | 560        | 570        | 585        | 600        | 650        | 810        |
| Overall diameter, mm      | 185       | 216       | 305        | 407        | 395        | 400        | 407        | 407        |
| Part No.                  | 9901015   | 9901030   | 9901040    | 9901050    | 9901062    | 9911001    | 991080     | 9901090    |

#### Warranty

Statebourne as manufacturers of high quality equipment are able to provide durable and dependable containers meeting the demands of modern laboratory and industrial use.

Our commitment to this quality means that we can offer a full 3 year warranty on vacuum.