

### KEY FEATURES AND BENEFITS

- All stainless steel construction for robustness
- Insulated lid for reduced evaporation
- Wide mouth for easy access
- Convenient carrying handle (except 0.5 litre model)
- Meets laboratory safety requirements that prohibit glass lined dewars
- 5 year Vacuum Warranty



### PRODUCT DESCRIPTION:

The MVE Research Dewars are developed specifically for easy and safe transport of liquid nitrogen and samples within facilities.

Suitable for general transportation and for snap freezing of samples.

The units are vacuum insulated for superior thermal performance and long hold times.

**Wide range of sizes** - there are six versions of the MVE Lab Research dewar ranging from a liquid nitrogen capacity of 0.5 litres to 6 litres to meet all your differing needs.

**User Friendly Features** - The Research series have an easy maintenance lid design, integrated carry handle and all stainless steel construction.

**Warranty** - There is a 5 year vacuum warranty. Chart MVE products have a rugged design, high quality welds and advanced vacuum technology.

**CryoService Deliver a Total Solution** - to meet a wide variety of cryopreservation requirements. This includes liquid gases and associated storage vessels, super insulated vacuum transfer pipelines, the best liquid nitrogen vapour storage freezers on the market, oxygen depletion systems and business management outputs – a total package from one provider. The Chart MVE range extends from a broad line of liquid and vapour phase freezers for straw, ampoule & blood bag storage to lightweight aluminium shippers and Dewars.

## DETAILED SPECIFICATION



	RD-6	RD-3	RD-2	RD-1	RD-1W	RD-0.5
LN2 Capacity (litre)	6	3	2	1	1	0.5
Neck Opening (mm)	185	185	99	84	99	66
Inner Diameter (mm)	185	185	99	84	99	66
Outer Diameter (mm)	198	198	122	109	122	86
Usable Internal Height (mm)	269	160	180	157	155	180
Overall Height (mm)	300	191	312	231	178	203
NER without cover (l/hr)	0.4	0.2	0.1	0.1	0.2	0.1
Handle	YES	YES	YES	YES	YES	NO

- A. Integrated carry handle.
- B. High strength neck tube reduces liquid nitrogen loss.
- C. Advanced Chemical Vacuum Retention System - designed for superior vacuum performance.
- D. Superior strength, lightweight aluminium construction.

For larger capacity requirements CryoService recommend the MVE Lab series of Aluminium dewars, available in 4 litre to 50 litre sizes.

Please contact CryoService on **01905 758200** for details.

