

MVE Research Dewars



The MVE Research Dewars are developed specifically for easy and safe handling of liquid nitrogen and samples within facilities. These units are vacuum insulated for superior thermal performance and long hold times.

Features include

- All stainless steel construction
- Optional insulated lid (cork & cover is not included)
- Wide mouth for easy access
- Convenient carrying handle (except .5L)
- Meets laboratory safety requirements that prohibit glass lined dewars

| | RD-6 | RD-3 | RD-2 | RD-1 | RD-1W | RD-0.5 |
|--|------------|-----------|------------|-----------|-----------|-----------|
| Performance | | | | | | |
| LN₂ Capacity L est. | 6 | 3 | 2 | 1 | 1 | 0.5 |
| Handle | yes | yes | yes | yes | yes | no |
| Unit Dimensions | | | | | | |
| Neck Opening in. (mm) | 7.3 (185) | 7.3 (185) | 3.9 (99) | 3.3 (84) | 3.9 (99) | 2.6 (66) |
| Inner Diameter in. (mm) | 7.3 (185) | 7.3 (185) | 3.9 (99) | 3.3 (84) | 3.9 (99) | 2.6 (66) |
| Outside Diameter in. (mm) | 7.8 (198) | 7.8 (198) | 4.8 (122) | 4.3 (109) | 4.8 (122) | 3.4 (86) |
| Usable Internal Height in. (mm) | 10.6 (269) | 6.3 (160) | 7.1 (180) | 6.2 (157) | 6.1 (155) | 7.1 (180) |
| Overall Height in. (mm) | 11.8 (300) | 7.5 (191) | 12.3 (312) | 9.1 (231) | 7.0 (178) | 8.0 (203) |
| Weight Empty* lb. (kg) | 4.4 (2.0) | 3.3 (1.5) | 1.8 (0.8) | 1.1 (0.5) | 1.1 (0.5) | 0.7 (0.3) |
| Weight Liquid Full* lb. (kg) | 15.0 (6.8) | 8.6 (3.9) | 5.3 (2.4) | 2.9 (1.3) | 2.9 (1.3) | 1.5 (0.7) |
| NER without Cover L/Hr | 0.4 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 |

90-Day Warranty

*Estimated weights

Research dewars are not designed for short or long term sample storage.



Visit www.mvebio.com for more information.

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