

# ORIGIN SERIES

## Cryogenic Freezers

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### The Benchmark in Biobanking

Origin cryostorage systems are cryogenic freezers designed with state-of-the-art engineering in five storage sizes. They feature highly efficient units with very low liquid nitrogen consumption and extremely stable near-liquid temperatures at the top of the inventory control systems, making the Origin Series the benchmark in biobanking cold storage equipment.



Vapour



Liquid

5

Storage Sizes



Secure

# Technical Specifications

## FEATURES

- High efficiency, very low LN<sub>2</sub> consumption
- Single pivot point turntable design – smooth rotation and ergonomic use
- Hinged lid and stainless steel table top
- Enhanced and intuitive controller technology
- Integral folding step with slip-resistant surface

| ORIGIN MODELS (CV-0)   | 20K  | 38K   | 40K       | 80K     | 94K     |
|--|------|-------|-----------|---------|---------|
| External Operating Height (mm)<br>(Top of Step to Lid opening) | 1067 | 1118  | 1067      | 1067    | 1016    |
| Step Height (mm)   | 275  | 287.5 | 275/407.5 | 275/425 | 275/550 |
| Height (mm)  | 1346 | 1422  | 1346      | 1346    | 1575    |
| Usable Height - Internal (mm)                                  | 762  | 762   | 762       | 762     | 897     |
| Outside Diameter (mm)  | 864  | 1067  | 1143      | 1511    | 1511    |
| Internal Working Diameter (mm)                                 | 750  | 965   | 1029      | 1397    | 1397    |
| Neck Opening (mm)  | 330  | 457   | 457       | 622     | 622     |
| Capacity (Litres)  |      |       |           |         |         |
| Total LN <sub>2</sub> Capacity (Liquid Storage)                | 371  | 623   | 698       | 1269    | 1595    |
| Total LN <sub>2</sub> Capacity (Vapour Storage)                | 36   | 73    | 80        | 137     | 300     |
| Weight – Empty (kg)  | 295  | 422   | 417       | 703     | 771     |
| Maximum Gross Weight (kg)                                      | 595  | 925   | 981       | 1729    | 2060    |

## INVENTORY CONTROL SYSTEM SPECIFICATIONS

|                           |       |       |       |       |       |
|---------------------------|-------|-------|-------|-------|-------|
| No. 100/81 Cell Racks     | 14    | 26    | 30    | 58    | 60    |
| No. Shelves/Rack          | 13    | 13    | 13    | 13    | 15    |
| No. 25 Cell Racks         | 4     | 12    | 8     | 12    | 8     |
| No. Shelves/Rack          | 13    | 13    | 13    | 13    | 15    |
| Vial Capacity, 2 ml       | 19500 | 37700 | 41600 | 79300 | 93000 |
| Bag 25 ml (7 Level Rack)  | 1624  | 2688  | 3108  | 5999  | 6856  |
| Bag 50 ml (7 Level Rack)  | 924   | 1582  | 1876  | 3381  | 3863  |
| Bag 250 ml (5 Level Rack) | 500   | 900   | 990   | 1920  | 2304  |
| Bag 500 ml (5 Level Rack) | 420   | 690   | 830   | 1610  | 1932  |

## Contact us

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