

HIGH-CAPACITY CRYOGENIC FREEZERS



phasetwo's HC series provides customers the latest technology with capacities from 11.700 to 39.000 vials. Our freezers are equipped with an automated control with dual level sensing and touch screen display, ensuring product viability and ease of use. our premium multi-layer insulation and other materials along with the latest vacuum technology systems provides leading industry performances. Engineered and tested, our durable HC stainless steel freezers are suitable for today's requirements.

Features

- Automated control with Dual Level Sensing for product security
- Solenoid monitoring for overflow protection
- Gas bypass with unique LN₂ detection system
- Product can be stored in Vapors or Liquid
- Auto defog
- Stainless Steel Construction
- Convenient access, all lids are hinged
- Two independent temperature probes
- Remote cloud monitoring capable

| SPECIFICATIONS | | | | |
|---|---------|-----------------|-----------------|-------------|
| Type - designation | | HC14 | HC32 | HC39 |
| LN ₂ - Capacity | l | 205 | 461 | 698 |
| Outer Diameter | in mm | 25 635 | 36 914 | 41,4 1052 |
| Overall Height | in mm | 44,4 1128 | 46,31 1176 | 49,8 1265 |
| Neck Opening | in mm | 23 584 | 34,25 870 | 39,4 1001 |
| Inner Usable Height | in mm | 29 737 | 29 737 | 29 737 |
| Weight Empty | lb kg | 220 100 | 480 218 | 745 338 |
| Full Weight | lb kg | 335 152 | 739 335 | 1137 516 |
| Evaporation Rate | l/Day | 6,5 | 10 | 13 |
| Static Holding Time | Days | 32 | 46 | 54 |
| Capacity No. of 2.0 ml Vials, 5-2 Vertical Racks, AL, 100/81-cell Boxes | | 13.500 (27 ea.) | 32.000 (64 ea.) | TBD |
| Capacity No. of 2.0 ml Vials, 13-2 Horizontal Racks, AL, 100/81-cell Boxes | | 11.700 (9 ea.) | 28.600 (22 ea.) | 36.400 |
| Capacity No. of 2.0 ml Vials, Combination System | | 14.200 | 32.300 | 39.000 |
| Capacity No. of 2.0 ml Vials, 5-2 Vertical Racks, AL, 100/81-cell Boxes | | 5 ea. | 10 ea. | — |
| Capacity No. of 2.0 ml Vials, 13-2 Horizontal Racks, AL, 100/81-cell Boxes | | 9 ea. | 21 ea. | 28 ea. |
| Capacity No. of 2.0 ml Vials, 13-2 Horizontal Racks, AL, 25-cell Boxes | | — | — | 8 ea. |

Note: Materials and Workmanship: 2 year warranty, Vacuum: 5 years warranty, 5 or 4 castors for easy, Liquid Nitrogen Jacket for dry storage,