

## 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 LN<sub>2</sub> 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 <sub>2</sub> - 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 transportation, Liquid Nitrogen Jacket for dry storage,