

# HCHE-SERIES

## HIGH CAPACITY HIGH EFFICIENCY FREEZERS



The HCHE series provides customers the latest technology with capacities from 20.200 to 106.500 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 performance. Engineered and tested, our durable HCHE stainless steel freezers are suitable for today's requirements.

### Features

- Automated control with Dual Level Sensing for product security
- Solenoid monitoring for overfill protection
- Gas bypass with unique LN<sub>2</sub> detection system
- Product can be stored in Vapors or LN<sub>2</sub>
- Full height turntable with uniquely marked sections.
- Auto defog
- Stainless Steel Table-Top
- Convenient access, all lids are hinged
- Folding and lockable independent stainless-steel steps.
- Two independent temperature probes
- Remote cloud monitoring capable

### SPECIFICATIONS

Type - designation		HCHE20	HCHE44	HCHE50	HCHE92	HCHE107
LN <sub>2</sub> - Capacity Vapor	l	67	157	157	362	362
LN <sub>2</sub> - Capacity Liquid	l	433	312	1014	1782	1987
Outer Diameter	in   mm	34   864	46,2   1173	46,2   1173	63,5   1613	63,5   1613
Overall Height	in   mm	57   1448	55,3   1405	63,3   1608	62,5   1588	66,83   1697
Neck Opening	in   mm	12,8   325	18   457	18   457	27,1   688	27,1   688
Carousel ID	in   mm	29,5   749	41,1   1044	41,1   1044	59   1499	59   1499
Internal Height	in   mm	30   762	30   762	34,3   871	30   762	34,3   871
Weight Empty	lb   kg	630   286	916   416	930   422	1782   810	1811   823
Full Weight	lb   kg	750   340	1196   543	1210   549	2491   1130	2520   1143
Evaporation Rate	l/Day	5	7	7	13	13
Static Holding Time	Days	10	18	18	25	25
Capacity No. of 2.0 ml Vials		20.200	43.600	50.400	92.300	106.500
Large Racks (100 cell boxes)	Racks   Levels	14   13	32   13	32   15	68   13	68   15
Smal Racks	Racks   Levels	4   13	4   13	4   15	12   13	12   15
Vertical Racks	Racks   Levels	4   5	4   5	4   6	6   5	6   6

Note: Materials and Workmanship: 2 year warranty | Vacuum: 5 year warranty