

HCHE-SERIES

HIGH CAPACITY HIGH EFFICIENCY FREEZERS



Features

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.

- Automated control with Dual Level Sensing for product security
- Solenoid monitoring for overfill protection
- Gas bypass with unique LN₂ detection system
- Product can be stored in Vapors or LN₂
- 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 ₂ - Capacity Vapor	l	67	157	157	362	362
LN ₂ - 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
Small 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