



phasetwo™

CryoXpert Blast Freezer

The CryoXpert Blast Freezer (BF) is specifically designed to meet demanding freezing processes.

We offer customized solutions to conform to the most stringent demands and norms requested in the industry. The Blast Freezers are ideal for freezing of plasma and other products that require fast freezing. The typical process temperature is -70°C but temperatures of -110°C can be reached. There are options available where we achieve -180°C .

In every CryoXpert Blast Freezer, Liquid Nitrogen is injected inside the insulated cold box, providing an inert freezing environment with fast and homogeneous freezing of the whole batch.



FEATURES

- Optional Custom Dimensions
- User Friendly Interface
- Multiple Cooling Nozzles
- Vacuum and Polyurethane Insulation
- Large Capacity
- Hybrid Control with HMI
- Programmable Functions
- Cooling rates up to $60\text{C}/\text{min}$.

GENERAL SPECIFICATIONS

DOH-BOX Model		Model 400	Model 1500	Model 2700	Model 4300	Model 4800
Internal (WxDxH)	{ins}	27.6x31.9x27.6	41.3x38.2x45.3	45.3x44.1x80.7	53.2x59.8x80.7	61x59.8x80.7
	{mm}	700x810x700	1050x970x1150	1150x1120x2050	1350x1520x2050	1550x1520x2050
Internal Volume	{liters}	379	1171	2640	4270	4830
Door Opening	{ins}	21.7x27.6	29.5x43.3	33.5x78.7	41.3x78.7	49.2x78.7
	{mm}	550x700	750x1100	850x2000	1050x2000	1250x2000
Outer	{ins}	50.4x42.9x38.6	66.7x49.2x51.9	70.7x55.1x87.3	78.5x70.9x87.3	86.4x70.9x87.3
	{mm}	1280x1090x980	1695x1250x1318	1795x1400x2218	1995x1800x2218	2195x1800x2218

SERVICES

- Installation
- Training
- Financing
- Maintenance
- Temperature Mapping
- Site Acceptance Test
- Factory Acceptance Test
- Installation Qualification
- Operational Qualification

