

CRYOXPERT

Pharmaceutical  
Blast Freezer



Freezing for the Future:  
Unmatched Speed,  
Uncompromised Quality

# Pharmaceutical Blast Freezer

The CryoXpert Pharmaceutical Blast Freezer achieves the shortest freezing times for your pharmaceutical liquid. Our innovative technology customizes the freezing curve to your specifications, accommodation everything from small vials or bags to large-volume plastic bottles.



Autogenerating  
Incripted PDF reports



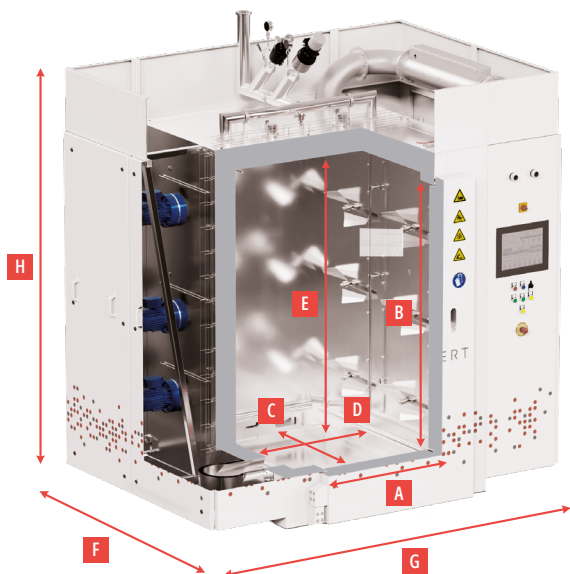
21 CFR part 11  
compliant



Adjustable freezing  
speed



Homogeneous freezing



	MODEL	CXP-PBF-3800	CXP-PBF-5000
A	DOOR OPENING [MM]	850	1050
B	DOOR OPENING [MM]	2000	2000
C	INSIDE DEPTH [MM]	1420	1620
D	INSIDE WIDTH [MM]	1300	1500
E	INSIDE HEIGHT [MM]	2050	2050
F	OUTSIDE DEPTH [MM]	1720	1920
G	OUTSIDE WIDTH [MM]	2600	2800
H	OUTSIDE HEIGHT [MM]	2600	2600

## DIMENSIONS

All dimensions are subject to tolerances according to ISO 13920:1996 Class D.



Dohmeyer is an ISO 13485 certified company, using the GMP guidelines and CFR21 p11 controls.

**FLEXIBILITY**



**Adjustable temperature**

With vacuum insulated proportional valves, the freezing speed can be varied from **0.1 to 60°C/min**, allowing for very precise freezing curves



**Versatile Capacity Options**

Choose from two available sizes to meet your precise batch requirements

**3800–5000 L**

**CRYO SAFETY**



**Heated door & doorframe**

No condensate drip, gas tight seal improves hygiene and safety



**Magnetic door lock**

Easy and safe to open and close with the touch of one finger



**Redundant safety loop**

Secondary safety system provides full back up to primary safety circuit



**Uninterruptible Power Supply**

Vital for data protection, the UPS provides a dependable power source to mitigate data loss and maintain continuous operation of critical systems during power interruptions



**Password-protected/RFID card-based operating panel**

Ensures that only authorized individuals can operate or enter the panel's protected functions

**PROCESS SAFETY**



**Calibrated process and product probes**

Contribute to shorter freeze times and reduced cryogen consumption without compromising product stability



**21 CFR part 11 compliant**

Enhance operational efficiency with our audit trails and user-specific access controls using personalized RFID badges

**AES-128BIT  
ENCRYPTION  
ENGINE**



**Auto-generated Encrypted PDF reports**

No possibility of manipulation in reports

# CRYOXPERT

CryoXpert is the medical division of Dohmeyer, the world leader in rapid and controlled cooling and freezing.

Our machines ensure that your pharmaceutical liquids are frozen with unmatched precision and speed.



**Support:**

Dohmeyer are available 24/7 giving access to our specialist support teams providing help and advice to all our customers.



**Contact:**

**Poland**

**+48 17 774 54 70**

**Belgium**

**+32 9 241 52 22**

**USA**

**+1 (833)364-6393**



[www.cryoxpert.com](http://www.cryoxpert.com)