

CRYOXPERT

Chest Controlled Rate Freezer



**Preserve Viability:
Perfectly Controlled,
Precisely Monitored**



Chest Controlled Rate Freezer

The CryoXpert Chest Controlled Rate Freezer provides high-capacity cryogenic freezing for biological products. It can homogeneously freeze your liquid in a controlled and monitored environment, ensuring the highest viability. Our innovative technology customizes the freezing curve to your specifications, accomodating everything from small vials or bags to large-volume plastic bottles.



Chest Controlled Rate Freezer with white film covering



Autogenerating
Encrypted PDF reports



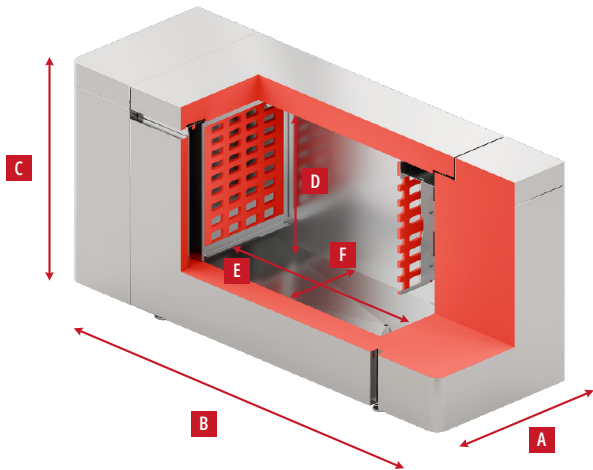
21 CFR part 11
compliant



Uninterrupted cold chain



Homogeneous freezing



DIMENSIONS

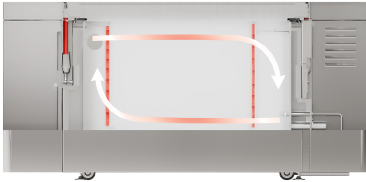
	MODEL	CXP-CRF-300	CXP-CRF-400	CXP-CRF-700	CXP-CRF-900
A	DEPTH [MM]	765	915	1065	1265
B	WIDTH [MM]	2320	2420	2620	2820
C	HEIGHT [MM]	1120	1120	1120	1120
D	INTERNAL HEIGHT [MM]	600	600	600	600
E	INTERNAL WIDTH [MM]	900	1000	1200	1400
F	INTERNAL DEPTH [MM]	500	650	800	1000

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



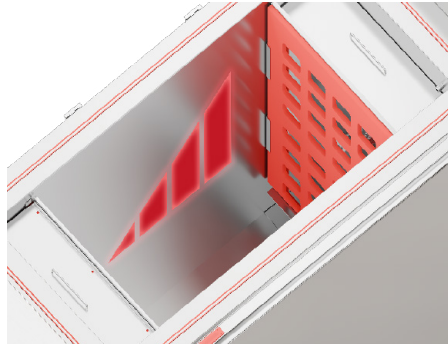
Dohmeyer is an ISO 13485 certified company, using the GMP guidelines and CFR21 p11 controls.

CRYO PRECISION



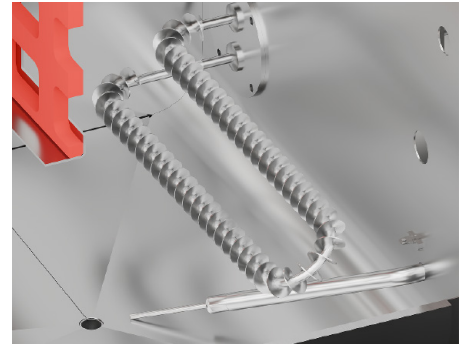
Homogeneous freezing

This process ensures uniform temperature distribution throughout the chamber, enabling consistent and reliable freezing



Adjustable Freezing Rate

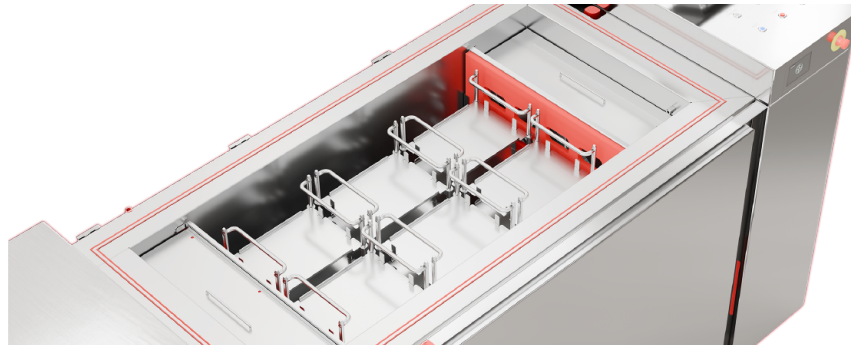
With an advanced system and nozzles offering different flow rates, the chamber cooling rate can be adjusted from 0.1 to 60°C



Precise process control

Precise N₂ dosing and an integrated heating system enables chamber temperature profile control throughout the entire process

CRYO SAFETY



Heated door & doorframe

No condensate drip, gas tight seal improves hygiene and safety



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

CRYO**X**PERT

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

Our machines guarantee that your invaluable biological samples are frozen with unmatched precision, ensuring both viability and homogeneity.



Support:

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



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