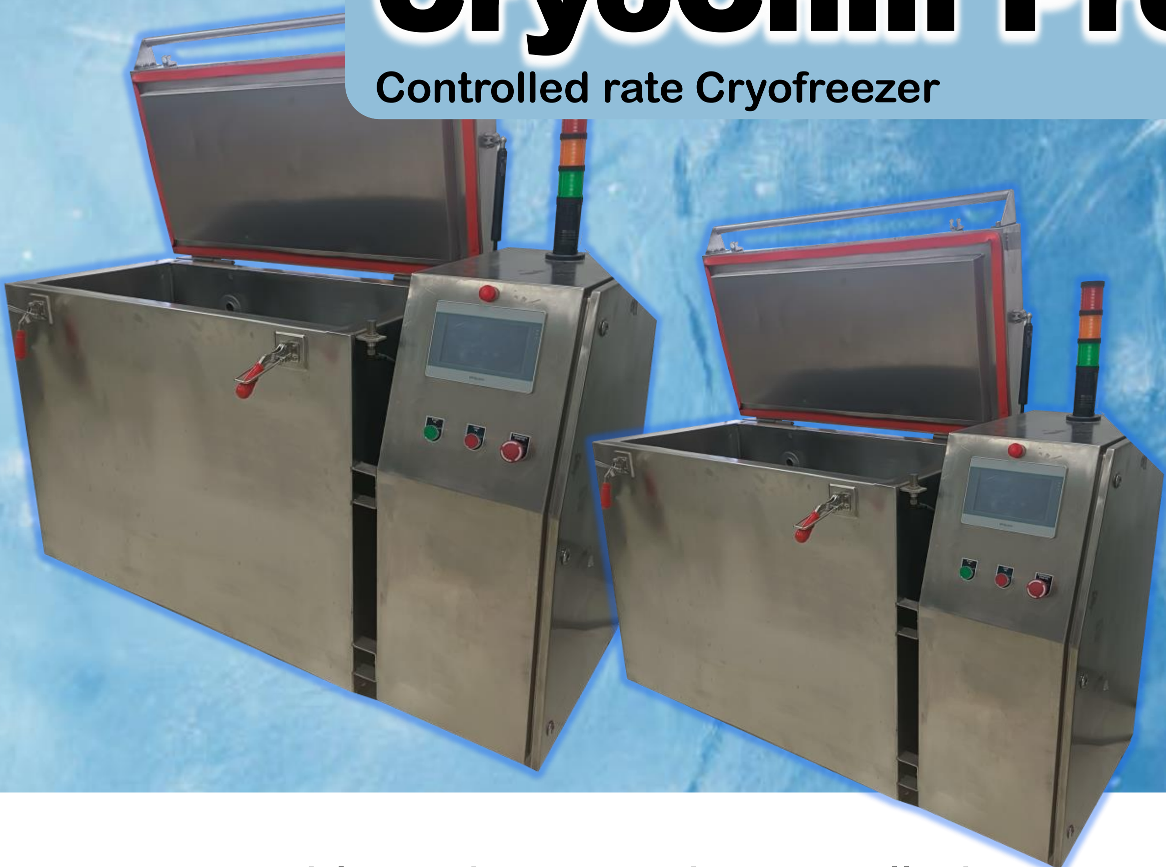
CryoChill Pro

Controlled rate Cryofreezer



Fully programmable and automatic controlled rate freezer for your cryofreezing needs

Cryochill Pro

CryoChill Pro freezers are designed to meet your needs of cryopreservation of various biological products like semen/gametes, plasma, blood, tissues etc. and are made with stainless steel for durable constructed ability. They are programmable and easy to disinfect, ensuring optimal functionality and hygiene.

Automatic and Manual Options

Vacuum insulated

Easy to Operate

Cryochill Pro

Designed to optimize gamete fertility in a distinctive way and unique vacuum insulated walls and option to switch between Automatic and Manual modes for better efficiency, optimized freezing and lower nitrogen requirements

Cryochill Pro is durable, hygenic and made with easy to clean 100% stainless steel (304). It is very easy to operate and fully programmable with touchscreen user interface.

- *Large Touch Screen Display*
- *Automatic and Manual modes*
- *Zone and Product Temperature Display*
- *All Operation Display and Control on the Single Screen*
- *Continuous and Cycle data transfer from HMI to Pen Dive at a click*
- *PLC Controlled, Easy maintenance independent control panel*

Accessories

Freezing racks (0.25 ml)
Software , Pressurized tank (60 to 250 Liters)

Specifications

Dimensions (Outside)	1060 x 740 x 960 mm 41.8" x 29.2" x 37.7"
Dimensions (Inside Freezing Chamber)	960 x 460 x 320 mm 37.7" x 18.1" x 12.6"
Weight (incl. control chamber)	2000 Kg/ 341 lbs
Volume	200 liters
Dimensions (Control Chamber)	340 mm x 570 mm x 930 mm
Power (heating)	2500 W
Capacity	5250 mini straws (0.25 ml) 3000 medium straws (0.5 ml)
Voltage	220 V/ 50 Hz / 16 A
Working Temperature	-150°C to +35°C
Cooling rate	-0.1°C to -60°C / minute
Operating Pressure	1.8 to 2 bars / 26.1 to 29 psi
LN2 consumption per cycle	11-13 liters

Key benefits

- Automatic & Manual Modes
- Vacuum insulated Walls
- Easy to Operate, Touchscreen CUI
- Advance Software, PC connection
- Multiprogrammable
- Recorded Freezing cycles
- Data transfer through PC/USB disk
- Automatic reheating, drying
- Temperature monitoring by advanced sensors (chamber & Product)
- LN2 distribution by pressurized tank