



STREX

Cryocell System

Liquid Nitrogen Free Controlled Rate Freezer



This small footprint system freezes your important cells while keeping high viability without using additional refrigerants.

- No need for refrigerants such as liquid nitrogen or ethanol to reach -80°C .
- Great for iPS and ES cells!
- Compact benchtop design small enough to fit in a biological safety cabinet.



No liquid nitrogen or additional refrigerants are required

- Employs a free piston stirling cooler system, which does not require to add refrigerants such as liquid nitrogen to the system
- Reduces the running cost drastically

Compact design

- Lightweight with compact design for individual benchtop use
- Can be placed on a safety cabinet or biological isolator

Removable sample freezing block

- Sample blocks are replaceable in accordance with purposes
- Custom design of the block is available

Data management on a PC

- Custom freezing profile can be configured
- Temperature can be monitored and recorded on a PC
- Monitoring of temperature at three points, at top of the rack, bottom and sample

Optional heater is available

- Quickly reset the system back to room temperature in as little as 15 minutes ready for the next freeze cycle. Not for sample thawing.

Specification

Lowest Temperature	-80°C
Power	AC 100-240 V/50-60 Hz
Temperature Control	PID Control
Refrigeration Unit	Stirling Cooler
External Size	W 430 × D 220 × H 430 mm
Number of Housing Blocks	1
Communication Port	RS232C (Freezer) USB (PC)
Electric Consumption	200W
Weight	12.7 kg
Attachments	Laptop Computer (not included)