

ARCTIKO is proud to present the new innovative cryogenic freezer with dual refrigeration system, that gives you the best security for your samples. If one of the refrigeration system should fail, the other refrigeration system will keep the temperature at -130°C until service is provided.

CRYO 230

- HIGHLY RELIABLE, TOP PERFORMANCE FREEZER WITH DUAL REFRIGERATION SYSTEM
- EXCELLENT TEMPERATURE STABILITY
- FAST PULL DOWN TIME SIGNIFIES AN EFFICIENT REFRIGERATION SYSTEM
- FAST RECOVERY TIME ENSURES INTEGRITY OF STORED SAMPLES
- LONG HOLD-OVER TIME IN CASE OF POWER CUT
- NO RISK OF CONTAMINATION BETWEEN SAMPLES
- LOWER COST THEN WITH USE OF LIQUID NITROGEN TANKS
- LOWEST POWER CONSUMPTION ON THE MARKET

MODEL	CRYO 230
Item Code	DAI 0198
Dimensions exterior WxDxH (mm)	1760x960x1090*
Capacity (L)	231
Temperature range (°C)	-150 / -140
Power supply (V)	3-PHASE-400V
Frequency (Hz)	50 / 60

* Depth including handle and hinges

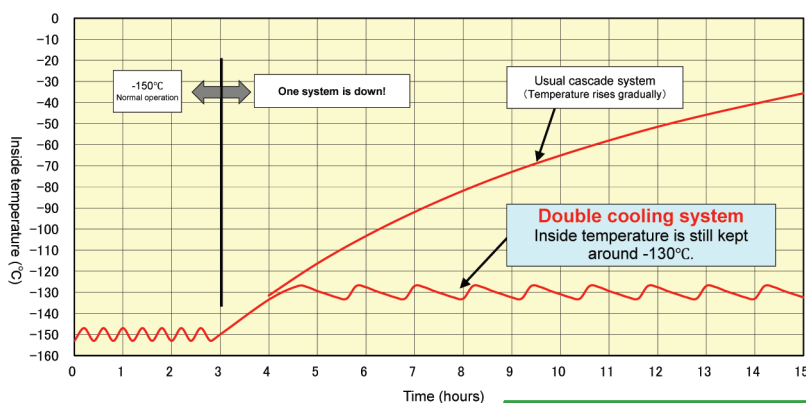


ADVANTAGES OF THE CRYO SERIES

- **Energy-efficiency** – low energy consumption resulting in lower operating cost in the long run
- **Environment-friendly** – use of agents and technologies that are not harmful to the environment (100% HCFC/CFC free)
- **Quality components** – for a robust and long-lasting freezer
- **Low noise operation** – for a safe and pleasant working environment inside the lab
- **Low heat dissipation** – you save on your air conditioning due to lower heat dissipation
- **Insulated sublims** – to prevent cold air leakage
- **Small footprint** – enables effective use of laboratory space
- **Gasket** – for tight closure to prevent cold lose
- **Easy to service** – easily accessible and replaceable components for convenient field servicing & maintenance

FEATURES

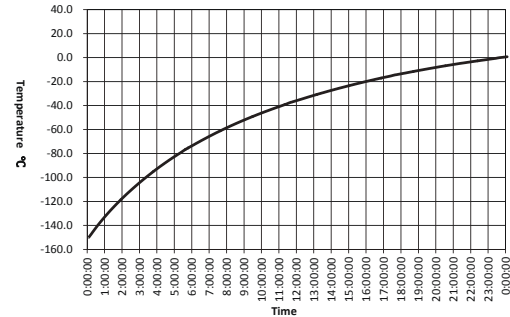
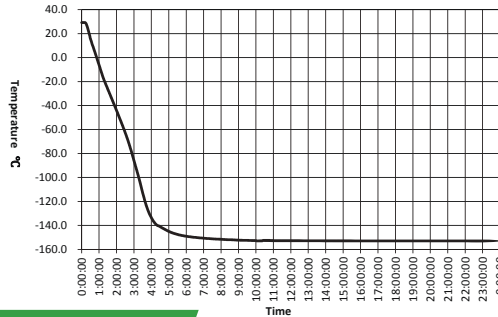
- MICROPROCESSOR CONTROLLER WITH DIGITAL DISPLAY
- ACOUSTIC AND VISUAL ALARM
- POWER FAILURE ALARM
- ADJUSTABLE HIGH TEMPERATURE ALARM
- PROBE FAILURE ALARM
- CONTACT FOR REMOTE ALARM
- 48 HOURS BATTERY BACKUP (FOR ACOUSTIC ALARM IN CASE OF POWER CUT)
- CHART RECORDER FOR DOCUMENTATION OF THE TEMPERATURE CONDITION OVER A CERTAIN PERIOD OF TIME
- PREPARED FOR LN₂ BACKUP



EFFECT OF DOUBLE COOLING SYSTEM



PULL DOWN / HOLD OVER TIME



PERFORMANCE

* Performance is nominal and individual may vary.
* Performance will differ due to product amount, product size and operating conditions.

OPTIONAL

1. LN₂ backup
2. GSM Alarm Module
3. Racks & Boxes
4. Cryo gloves

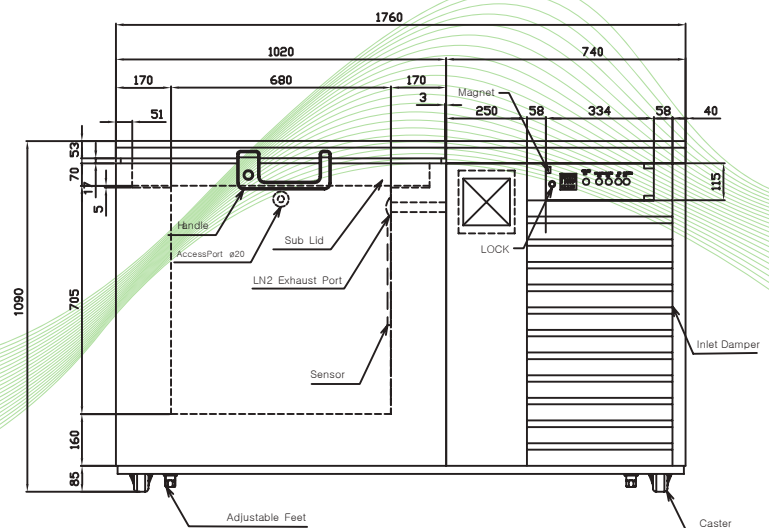
TECHNICAL SPECIFICATIONS

Insulation (mm)	170
Insulation type	Polyurethane foam
Max. ambient temperature (°C)	30
Power consumption (kWh/24h) no load	32.1
Current (A)	20 amp
Power (Watt)	2000
Max. loading (kg)	230
Access Port (Ø, mm)	Yes, 20 mm
Key lock on lid	Yes
Castors / with brake in front	yes (4 pcs.) / 2 pcs. level- ling feet at the front
Sub lids	2
No. of compressors	2
Inner liner material	Stainless steel
Cabinet material	electro galv. steel
Colour (exterior)	Ivory
Refrigerant	Mix
Weight (kg)	350
Shipping weight (kg)	522
Shipping dimensions WxDxH (mm)	1900x1220x1400

* we reserve the right to change specifications without notice and subject to errors.

MAIN DIMENSION FOR CRYO 230

*All measurements in mm



Front

