

# CRYOGENIC FREEZERS -150°C

-150°C

ARCTIKO has expanded the product portfolio with two new cryogenic freezers.

The CRYO range features a dual cooling system which consists of two independent systems offering double security.

**In the unlikely event that one cooling system should fail, the second cooling system will maintain the freezer at -130°C.**

The cryogenic freezers offer a wide variety of research and long term storage applications for low temperature scientific experiments, preservation of cells, DNA, bone material, bacteria etc.

With extreme cooling precision and its superior features, the CRYO-range is the perfect choice for testing special material, ideal for hospitals, university laboratories, military industry or sanitation stations.

Dual Cooling System for Double Security

Visual and Acoustic Alarm

LN<sub>2</sub> Back Up



Extremely Low Energy Consumption

21,5 kWh/24h (CRYO 230)



## FEATURES:

- Dual cooling system for double security
- Visual and acoustic alarm
- High and low temperature alarm
- Power failure alarm
- Contact for remote alarm
- Temperature chart recorder
- Battery back up
- LN<sub>2</sub> back up



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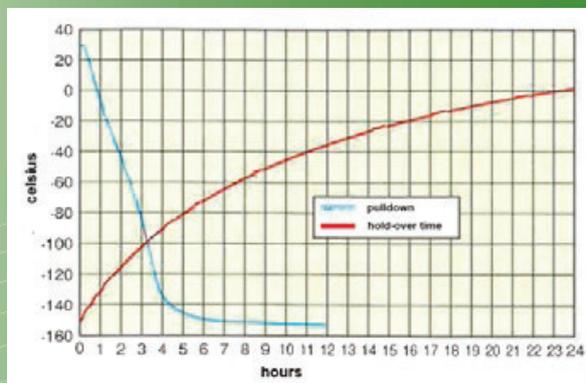
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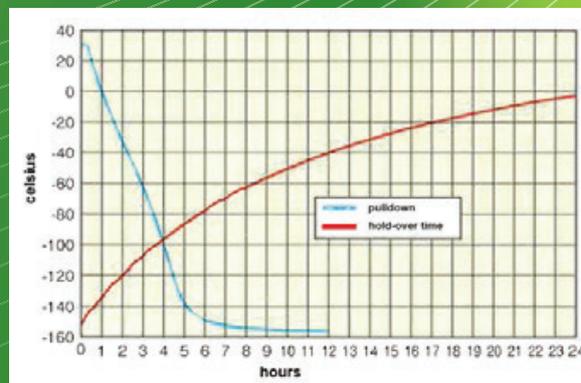
-150°C

Model	CRYO 170	CRYO 230
Dimensions exterior WxDxH (mm)	1420x840x1090	1600x840x1090
Net capacity (L)	173	236
Dimensions interior WxDxH (mm)	500x500x675	680x500x675
Insulation (mm)	170	170
Temperature range (°C)	-150/-140	-150/-140
Max. ambient temperature (°C)	+30	+30
Power supply (V)	3 x 400V	3 x 400V
Frequency (Hz)	50/60	50/60
Weight (KG)	310	350
Shipping weight (KG)	420	470
Shipping dimensions with wooden box WxDxH (mm)	1720x1220x1400	1900x1220x1400
No. of compressors (two independant systems)	2	2
Visual / Acoustic alarm	Yes	Yes
Power failure alarm	Yes	Yes
Adjustable high/low temperature alarm	Yes	Yes
Probe failure alarm	Yes	Yes
Contact for remote alarm	Yes	Yes
Approx. hrs. of battery back up for alarms in the event of power cut	48 hours	48 hours
Porthole for installation of PT100/CO <sup>2</sup> back up	φ20mm	φ20mm
Digital display	Yes	Yes
Castors	4	4
Sub lids/door (pcs)	1	2
Lock	Yes	Yes
Inner liner material	Stainless steel	Stainless steel
Cabinet material	Electro-galvanized steel	Electro-galvanized steel
Colour (exterior)	Beige	Beige
Refrigerant	Mix	Mix

CRYO 170



CRYO 230



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