

Mobile Cryogenic Transfer Operation Platform

Low Temperature Transport Trolley



YDC-3000H

Scope of Application

The unit can be used to preserve plasma and biomaterials during transportation. It is suitable for deep hypothermia operation and transportation of samples in hospitals, various biobanks and laboratories. High quality stainless steel in combination with the thermal insulation layer ensures the effectiveness and durability of the low temperature transfer trolley.

Ergonomic Design

- ◉ Corrosion Resistant
- ◉ High Polymer Materials
- ◉ Real Time Monitoring of Temperature and Liquid Level
- ◉ Touch Screen
- ◉ Magnetic Insulation Cover

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Low Temperature Transport Trolley YDC-3000H

Product Advantages



Touch Screen
LCD, touch operation.



USB Data Export
It has its own USB interface and supports USB data export.



Real Time Monitoring
The instrument monitors the temperature and liquid level in real time and displays the expected remaining service time. Continuous working hours up to 24 hours.



User Friendly Design



Exterior Coating
Exterior coating: corrosion resistant and easy to maintain



Caster Design
Integrated design, universal caster at the bottom, easy to move.

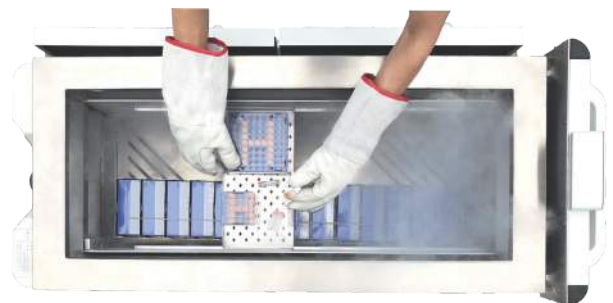
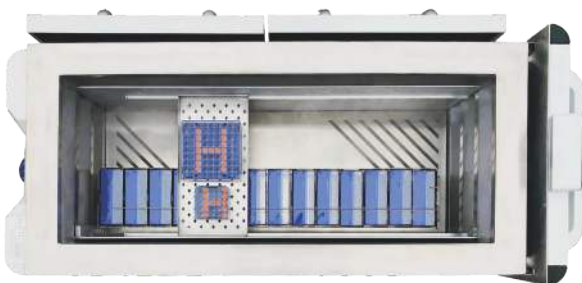


High Polymer Materials
The new type of environmentally-friendly polymer material is used inside the cover plate, which is more appealing, more environment-friendly and more advanced than the commonly used pearl foam and polyurethane materials.

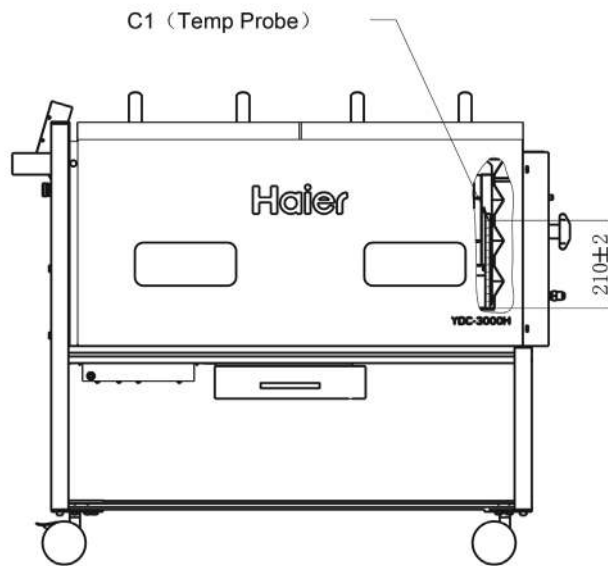


Magnetic Insulation Cover
The insulation cover magnetically attaches to the side of the trolley, which is convenient to extract, and the space reserved at the bottom can be used to store other tools and other materials.

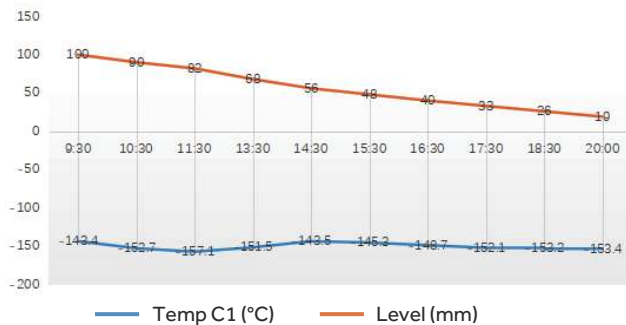
Live Action



Temperature and Liquid Level Test Graph



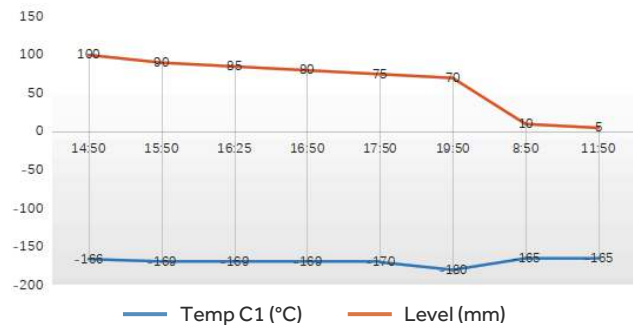
Temperature and Liquid Level Test Graph



Liquid level of 100mm, one lid opened

- ① Condition: liquid level of 100mm, with one lid opened;
- ② Ambient temperature: on average 8°C;
- ③ Result: YDC-3000H is able to maintain temperature below -140°C for 13.5 hours with one lid opened.

Temperature and Liquid Level Test Graph



Liquid level of 100mm, no lid opened

- ① Condition: liquid level of 100mm, one lid opened;
- ② Ambient temperature: on average 8°C;
- ③ Result: YDC-3000H is able to maintain temperature below -140°C for over 24 hours with no lid opened.

Parameters

Product Model	Temperature Range(°C)	Dimensions (L*W*H)(mm)	Frozen Storage Space (L*W*H)(mm)	Packing Dimensions (L*W*H)(mm)	Gross Weight (kg)	Net Weight (kg)
YDC-3000H	-196-ambient temperature	1295*523*1095	900*335*163	1450*700*1310	208	140

Liquid Nitrogen Under Tray (L)	Maximum Storage				
	5*5 Freezing Boxes (ea)	10*10 Freezing Boxes (ea)	50ml Blood Bag Boxes (ea)	200ml Blood Bag Boxes (ea)	2ml Cryopreservation Tube (ea)
33	65	30	105	50	3000

Product appearance and specifications are subject to change without notice