

# 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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## 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.

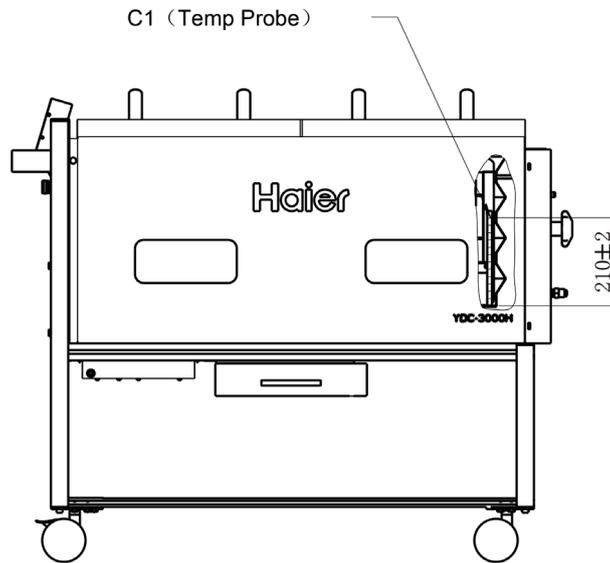


**Magnetic Insulation Cover**  
The insulation cover magnetically attaches to the side of the trolley, which is convenient to extract, and the space reserved at the bottom can be used to store other tools and other materials.

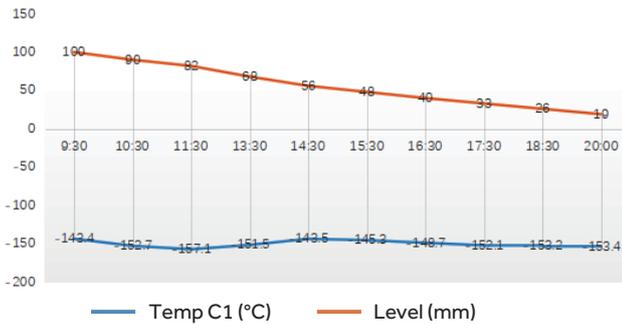
## Live Action



## Temperature and Liquid Level Test Graph



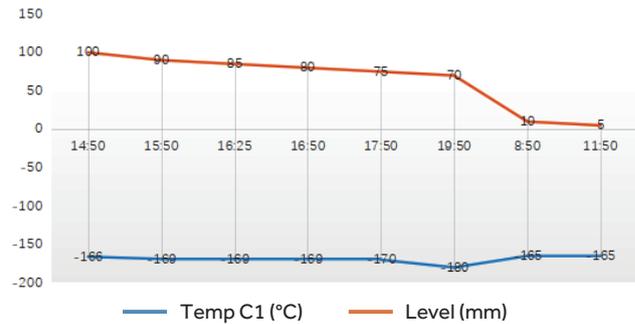
### Temperature and Liquid Level Test Graph



### 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