

# Portable Cryogenic Transfer Tank



## Scope of Application

It is suitable for small batch and short distance sample transport in laboratory units or hospitals.

## Innovative Design

- High performance of heat insulation design
- Compatible with multiple specifications design
- Lightweight design
- Temperature display design (Bio-2T)

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# Portable Cryogenic Transfer Tank

## Product Advantages



### Compatible with multiple specifications design

Bio-2T: compatible with 1.2 ml, 1.5 ml, 1.8 ml, 2.0 ml, 5.0 ml cryogenic tubes; BioT Air: compatible with 1.2 ml, 1.5 ml, 1.8 ml, 2.0 ml and 5.0 ml cryogenic tubes, and can also be placed 5\*5-2 ml of cryogenic box



### Lightweight design

Bio-2T total empty weight is only 3kg;  
BioT Air total empty weight is only 2.8kg



### High performance of heat insulation design

Thicken insulation material to ensure the working temperature in the tank-135°C ~-196°C, excellent thermal insulation performance



### Temperature display (Bio-2T)

Real-time visual monitoring of temperature, dust-proof and waterproof part of the container



## Ergonomic Design

### Anti-splash structure of liquid nitrogen

It is ensured that after the container is filled with liquid nitrogen, the liquid nitrogen will not be sprayed during transportation, and the use is safe

### Anti-inflow structure of condensed water

The cover with special structure design can prevent condensed water from flowing into the container and ensure the smooth opening of the container cover

### Non-liquid nitrogen overflow structure

Specially equipped with liquid nitrogen adsorption layer, even if the container is dumped during dry storage, there will be no liquid nitrogen overflow, which ensures the safety of samples and operators

## Specifications

Model	Bio-2T	BioT Air
Outside Diameter (mm)	156	158
Inside Neck Diameter (mm)	125	130
Depth (mm)	190	190
Height (mm)	265	235
Empty Weight (kg)	3	2.8
Volume of LN <sub>2</sub> (L)	2	2
Time of Storage in Liquid Phase (H)	8	8
Time of Storage in Vapor Phase (H)	6	6
2ml Vials (Internal Thread)	54	55
Temperature Range (°C)	-135~-196	-135~-196
Ambient Temperature (°C)	-20-40	-20-40
Temperature Display	Y	/

\*Product appearance and specifications are subject to change without notice