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Haier Biomedical
Intelligent Protection of Life Science

# Portable Cryogenic Transfer Tank

## Bio-2T


### Scope and Application of the Product:

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

## Key Design Features

- Lightweight
- Temperature Display
- High Performance of Heat Insulation
- Compatible with Multiple Specifications

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# Haier Biomedical

Intelligent Protection of Life Science

Portable Cryogenic Transfer Tank

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## Product Advantages

### Lightweight

The total empty weight is only 3KG.

### Temperature Display

Real-time visual monitoring of temperature, dust-proof and waterproof display.

### Compatible with Multiple Specifications

The design life is as long as 30 years, and the inside was developed with specialized materials and structures to ensure the temperature in the tank to be more stable.

### High Performance Heat Insulation

Thickend insulation material to ensure the working temperature in the tank is stable between -135°C~ -196°C, excellentthermal insulation performance.

## Ergonomic Design

### Anti-splash Structure of Liquid Nitrogen

To ensure that after the container is filled with liquid nitrogen, the liquid nitrogen will not spray or disperse during transportation, and the usage is safe.

### Anti-inflow Structure of Condensed Water

The specialized cover structure is designed to prevent condensed water from flowing into the container and to ensure the smooth opening of the container cover.

### Non-liquid Nitrogen Overflow Structure

Specially designed with a 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 |
|---|---|
| Outside Diameter (mm) | 156 |
| Inside Neck Diameter (mm) | 125 |
| Depth (mm) | 190 |
| Height (mm) | 265 |
| Empty Weight (kg) | 3 |
| Volume of $LN_2$ (L) | 2 |
| Time of Storage in Liquid Phase (h) | 8 |
| Time of Storage in Vapor Phase (h) | 6 |
| 2ml Vials (Internal Thread) | 54 |
| Temperature Range (℃) | -135~-196 |
| Ambient Temperature (℃) | -20~40 |