

# CryoMonitor 2000TL

## Liquid Level & Temperature Monitoring

Liquid level & temperature monitoring system for liquid nitrogen containers. The CryoMonitor 2000TL provides accurate monitoring of liquid nitrogen level & temperature for liquid nitrogen containers storing cells, cord blood, embryo, semen and other biological samples.

CryoMonitor 2000TL records temperature and liquid level data, therefore, traceability is guaranteed. It also alarms users with sound & light when working status of container is out of normal range, to avoid irreparable loss of precious samples.

Furthermore, taking advantages of optional cloud service, data is transferred to and stored on cloud server, which can be visited from a PC or smart phone anywhere of the world. CryoMonitor 2000TL allows users to be completely rest assured with safety of samples.



## Features

- Monitoring both temperature and liquid nitrogen level.
- On-site alarm with sound & light.
- Data stored in device & to be downloaded via USB port.
- Wi-Fi connection & cloud data storage, worldwide data visit & alarm.
- Backup battery for monitoring during power failure or movement.



## Connection (Optional)

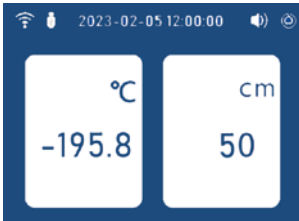
- Wi-Fi connection to transfer data to cloud server.
- Global access on a PC, tablet or smartphone.



## Alarms

- High/low temperature alarm
- High/low liquid nitrogen level alarm
- Power failure alarm
- Low battery alarm

## Interface



1. Wi-Fi connection status
2. USB connection status
3. Date & time
4. Sound alarm
5. Power connection status
6. Unit of temperature
7. Temperature display
8. Unit of liquid level
9. Liquid level display

## Compatibility

CryoMonitor 2000TL offers the widest compatibility with liquid nitrogen dewars in the market, or already in use at customer sites. Customized solution will be provided upon specific circumstances.

CryoMonitor 2000TL is easy to install, no need to drill a whole on plug or cap. Unlike plug type level meter, there is no metal tube on plug, therefore, it is more convenient to work with.

## Applications

- IVF center
- Cord blood center
- Bio-pharma
- Hospital
- Biobank
- Biological research

## Specification

Model	CryoMonitor 2000TL
Temperature monitoring	-200~+70°C
LN2 level monitoring	Yes
Temperature sensor	PT-100
LN2 level sensor	Capacitance
On-site alarm	Sound & light
Dimension (Width x Height x Thickness)	138 x 91 x 42mm
Net weight	330g
Power supply	100~240V, 50/60Hz, AC
Backup battery	Built-in lithium battery, replaceable
Data storage	Yes
USB port for data download	Yes
Remote alarm contact	Yes
RS485 port	Yes
Internet connection	Wi-Fi
Cloud service	Optional
Cloud alarm	Email, SMS
Plug groove cutter	Optional