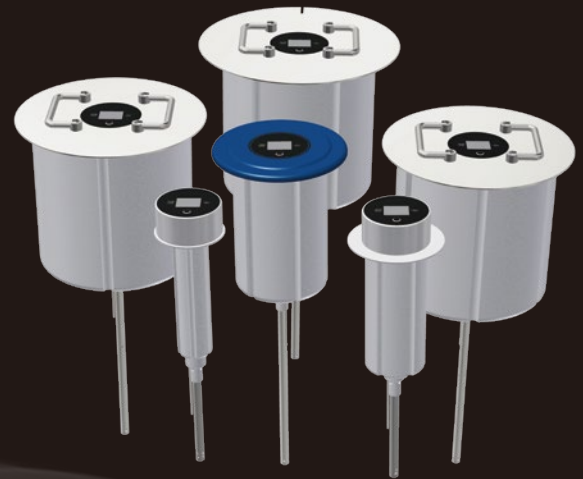


# CryoMonitor 1000TL

## Liquid Level & Temperature Monitoring (Smart Plug)

Antech Smart Plug is an advanced liquid level & temperature monitoring system for liquid nitrogen containers. The CryoMonitor 1000TL provides accurate monitoring of liquid nitrogen level & temperature for liquid nitrogen containers storing cells, cord blood, embryo, semen and other biological samples.

CryoMonitor 1000TL is powered by its built-in battery. There is no need to connect external power supply. Taking advantages of cloud service (optional), data is transferred to cloud server via relay and gateway, which can be visited on a PC, pad or smart phone, anywhere and anytime.



## Features

- Displaying both temperature and liquid nitrogen level.
- Built-in battery and long working time.
- Optional cloud service based on Wi-Fi connection.
- Automatic connection between CryoMonitor 1000TL, relay, gateway & cloud platform.
- BioExpress cloud platform, email alarm can be set according to demand.
- Optional SMS alarm package, covering most area of the world.

## Connection (Optional)

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



## Compatibility

CryoMonitor 1000TL offers wide compatibility with liquid nitrogen dewars in the market. Customized solution will be provided upon specific circumstances.

Settings of CryoMonitor 1000TL is completed at factory based on specifications of Dewar. It is a ready-to-use product when customer receive it.



## Applications

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

## Specification

Model	CryoMonitor 1000TL
Temperature display	-200~+70°C
LN <sub>2</sub> level display	Yes
Temperature sensor	PT-100
LN <sub>2</sub> level sensor	Capacitance
Working temperature	-20~40°C
Working humidity	≤75%
Power input	2.9V~3.6V
Power supply	Built-in lithium battery, replaceable
Communication method	Lora + Wi-Fi
Cloud service	Optional
Cloud alarm	Email, SMS