STALWART

**Smart Cap, Liquid Level
& Temp Monitor
SCP-1000**

Description

Stalwart SCP-1000 is real-time temperature display. Even liquid level sensor fail, user could know low LN2 level from temperature increase. When temperature exceed the setting temperature, it will alarm. Stalwart Smart Cap realizes both liquid nitrogen level and temperature monitor on a compact designed plug. This is a real user-friendly device, which doesn't need to connect any extra wires, sensors, and even power supply. The whole system is built based on unique STALWART ultra-low power consumption technology. STALWART provide optional relay to connect Wi-Fi for data transfer. User can check temperature and liquid level on line.

Features

- Real-time liquid nitrogen level display. No need to remove plug and use liquid level meter to check liquid level.
- Real-time temperature display. Even liquid level sensor fail, user could know low LN2 level from temperature increase. Provide dual-protection for samples.
- Optional relay to connect Wi-Fi for data transfer. User can check temperature and liquid level on line.
- Low power consumption technology and long life time for battery.
- Can be used for different size of containers with 125mm and 216m neck diameter.

Specification

Model	SCP-1000
Temperature Range	-200 ~200℃
Temperature Accuracy	±0.1℃
Temperature Sensor	PT-1000
Liquid Level Range	160~570mm
Liquid Level Tolerance	±10mm
Power Supply	Built-in Nickel Battery
Relay (Optional)	Wi-Fi connection, data transfer, checking and storage