



tempmate.®-RT SMS - Specifications

tempmate.®-RT SMS is a high-tech SMS alarm thermometer. It effectively solves the problems of cold storage temperature and humidity abnormality caused by human monitoring error, thus avoiding economic loss and hidden danger.

tempmate.®-RT SMS completely complies with the latest GDP standard and can be widely used in industries of pharmaceuticals, foodstuffs, catering, logistics, HACCP system certification, etc.. In case of temperature/humidity abnormality, **tempmate.®-RT SMS** will immediately alarm by sending SMS and beeping buzzer.

Various probes are available. For example, users can select one temperature sensor with two probes (standard) or one temperature/humidity combi sensor based on their actual needs. **tempmate.®-RT SMS** has built-in rechargeable lithium battery, so it can provide real-time SMS alarm service even in case of cold storage power outage.

tempmate.®-RT



Features

- Real-time monitoring of temperature, humidity and running status of the cold storage.
- SMS alarm in case of temperature or humidity alarm.
- Keep working for at least 20 hours after power supply is disconnected.
- Record cycle could be flexibly adjusted according to the real situation.



Technical Parameters

- Power supply: 5V/1A (DC); It can connect with power supply of 220V, 50/60HZ by external power adapter.
- Temperature measuring range: -50°C~99°C;
- Temperature accuracy: $\pm 1\text{ }^{\circ}\text{C}$ (-25 °C~0°C); $\pm 0.5\text{ }^{\circ}\text{C}$ (0°C~40°C); $\pm 2\text{ }^{\circ}\text{C}$ (others)
- Temperature Resolution: 0.1;
- Humidity Measuring Range: 10~99%RH;
- Humidity Accuracy: $\pm 5\%$ RH;
- Temperature Sensor type: NTC;
- Humidity Sensor type: Honeywell;
- Record cycle: 1 min to 24 hours continuously set;
- Applicable environment: temperature -10 °C~45 °C; relative humidity 0~95%; Indoor use only, prohibited from exposure to rain and sun.
- Alarm output: indicator, short message and buzzer;
- Communication Interface: SMS;
- Standby battery: 3.7V 1100mAH lithium battery.

Standard Accessories

- One tempmate.®-RT SMS device (with wall mount)
- One Dual-Temperature Sensor (with 5m wire)
- One User Manual
- One Power Adapter

Optional Accessory

- Temperature/Humidity Combi Sensor