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**0322-DT33M
HIGH PRECISION DIGITAL THERMOMETER**

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VIDEO OF PRODUCTS.



VIDEO



1. Description

- Wide temperature measurement range, full range accuracy is consistent, can replace the mercury thermometer;
- Good stability, the use of imported highly stable platinum resistance sensors, by a long period of power aging, to ensure long-term stability;
- Built-in rechargeable battery, charging for 2 hours, can be used continuously for more than 40h;
- Convenient charging, can be used with special charger, can also be charged through the computer USB;
- With data recording function, recording interval can be customised settings, recording data 100,000, with data reading and analysis software;
- Built-in gravity sensor, can automatically rotate the display 90° horizontally or vertically for easy reading;
- Interface at the same time to display the measured temperature value and resistance value, temperature resolution can be customised settings;
- The sensor sheath is made of food-grade stainless steel, which can be used in food, wine and other production sites.

2. Panel Description

- ① Data communication/charging interface: connectable to computer USB port
- ② Save button: tap to turn on/off the backlight, long press to display the instrument
- ③ SET button: System Setup (Backlight Setup, ShutDown Setup, Date Setup, Language Setup) Temperature Setup (Resolution, Unit) Operation options (Max/Min/Avg, Zero)
- ④ RECORD button: set the recording interval, press SAVE button to turn on recording, then press RECORD button to cancel recording
- ⑤ Power On/Off button
- ⑥ Temperature sensor
- ⑦ Display



3. Specification

Code	0322-DT33M
Sensor type	integrated Pt100 thermal resistance
Sensor dimension	Ø4x500mm
Weight	115g
Measuring range	-30°C~300°C/-22°F~572°F
Resolution	0.1°C/0.01°C/0.001°C (adjustable) 0.1°F/0.01°F/0.001°F (adjustable)
Accuracy	±0.5°C/±0.9°F
Annual stability	±0.2°C/±0.36°F
Response time	<60s
Memory capacity	100,000
Logging interval	2s~99s
Power supply	rechargeable lithium battery, working time≥40h
Operating environment	temperature: -10°C~50°C/14°F~122°F humidity: 0%RH~95%RH (non-condensing)

Caution:

- 1: The temperature sensor is not under warranty;
- 2: The temperature sensor shall not be used beyond the range, improper operation may cause irreparable damage;
- 3: Supporting software in the standard U disk, please use administrator privileges to install.