

## MD-T200 INTELLIGENT DIGITAL THERMOMETER

### TECHNICAL CHARACTERISTICS:

- ✓ Low power consumption, battery power supply, long battery life
- ✓ Probe length and temperature range are optional
- ✓ battery powered or externally powered
- ✓ 5 digits LCD
- ✓ High temperature accuracy
- ✓ SS 304 housing case, strong and sturdy
- ✓ Support customer on-site temperature calibration
- ✓ Adjustable measurement response speed
- ✓ Automatic record maximum and minimum value



The MD-T200 series of high-precision intelligent digital thermometers is a low-power LCD digital display thermometer. The display can be up to 5 digits. This digital thermometer has a high-precision PT100 as a temperature measuring component. The measurement method uses temperature probe contact insertion, high-precision ADC chip and low-power circuit design for 0~60 ambient temperature compensation. It adopts 304 stainless steel housing case and fittings, which is strong and sturdy.

### APPLICATION:

- ◇ Instrument package
- ◇ Construction machinery
- ◇ Petrochemical
- ◇ Laboratory
- ◇ Automatic production line
- ◇ Environmental monitoring

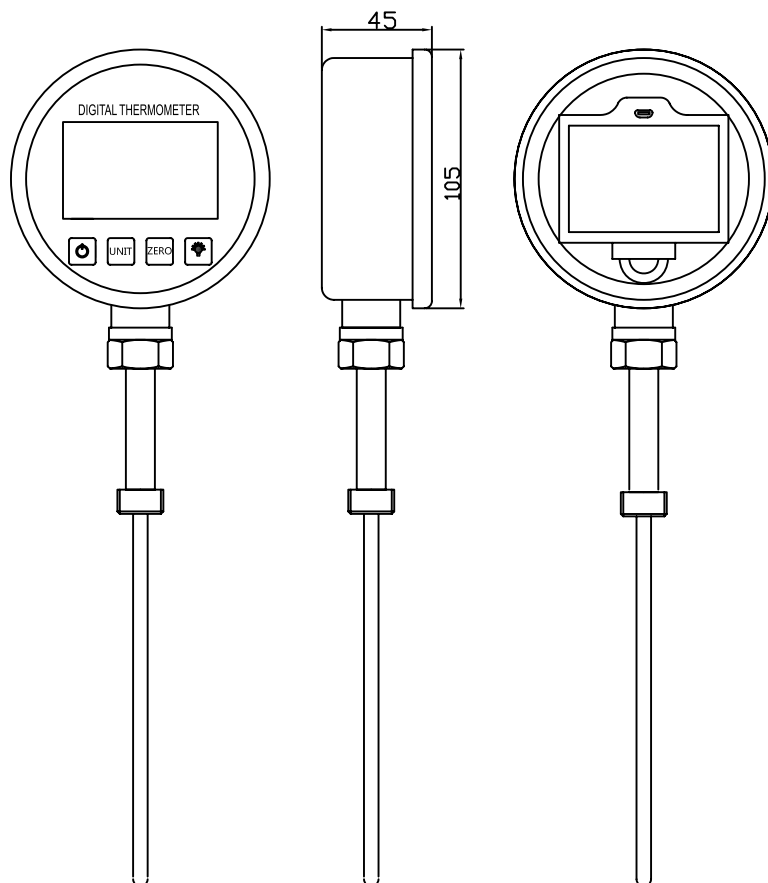
### SPECIFICATION:

Range	-50~300℃
Acc.	± 0.5 ± 0.25 ± 0.1 °C
Connector	G1/4, G1/2(Customized)
Length of probe	Customized
Display digit	5 digits LCD
Dimension	Diameter 105 mm, thickness 45mm
Power supply	Battery powered or external power supply
Sampling rate	01~10 ( 0.1s; 0.2; 0.4; 0.8; 1.6; 3.2; 6.4; 12.8; 25.6; 1min )
Working current	<0.1mA
Electrical protection	Anti-electromagnetic interference
Safety certificate	CE certificate
IP rate	IP 65
Operation temperature	0~60℃
Storage temperature	-40 ~ 125℃
Environment humidity	0~95%RH



**SIZE:**

UNIT:mm


**SELECTION GUIDE:**
**MD — T200 — (-50~300)°C — 1 — M1 — 6 — 25**
**Model:**

T200

**Range:**

-50~300°C

**Acc:**

- 1 (±0.5°C)
- 2 (±0.25°C)
- 3 (±0.1°C)

**Probe length:**

X(Length according to customer request)

**Diameter of the probe:**

- 6 (6mm)
- 8 (8mm)
- 10 (10mm)

**Connector screw:**

- M1 (M20\*1.5) M2 (G1/4)
- M3 (G1/2) M4(1/2NPT)
- M5(1/4NPT) M7(Customized)

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