

T528 is a dual channel digital thermometer with recording function to measure temperature with the principle of platinum resistance temperature measurement. This instrument is used pulse measurement technology, which reduces the power consumption of the instrument and minimizes the heat generated by the probe itself.

T528 is also with the point calibration function for users. The accurate calibration of multiple points can greatly improve the measurement accuracy of the whole machine

T528 can display the temperature change curve and the recording function is added. The resolution has been reached 0.001°C, and the factory precision is up to  $\pm(0.05\%|t|+0.05)^{\circ}\text{C}$ . It can record all the data during temperature measurement. The files generated by the recording data can be viewed directly on this instrument



## FEATURES

- Dual channel
- Measurement MIN/MAX/AVG
- Display temperature graph
- Temperature data recordable
- Resolution up to 0.001°C
- Over limit alarm
- Support PT100 & PT1000

## TECHNICAL SPECIFICATION

Temperature	Dot matrix LCD screen with backlight
Probe Type	PT100 and PT1000
Unit	°C, °F
Measuring Range	-200~800°C
Accuracy	PT100: $\pm(0.1\% t +0.20)^{\circ}\text{C}$ PT1000: $\pm(0.1\% t +0.10)^{\circ}\text{C}$
Resolution	0.01°C(-99.99~99.99°C) 0.1°C(others)
Storage Capacity	20000 groups of readings
Storage Capacity	1~86399 seconds adjustable
File Format	txt, csv, xls, dlq
Sample Rate	1 times/second
Calibration	Multi-point calibration
Operating Temperature	-10~50°C(non-condensing)
Battery	3pcs of 1.5V AAA alkaline batteries
Protection Class	IP52
Warranty	12 months
Size	174 x 73 x 40mm
Weight	200g