

## Temperature Meter/Tester

## **Multi-channel Temperature Data Recorder** TT-2500 Series

## **Product description:**

TT-2500 series is mulit-channels temperature tester included 16 models, this series adopts 7 inch touch screen and support input of J, K, T, E, S, N, B, R type thermocouple. It can collect multi-channel data simultaeouslt, with intuitive number reading, bar chart and curve graph diplay modes, allowing users to read various parameter in multiple ways. Data can also be recorded on a USB storange device. Meanwhile, tester has upper and lower limit alarm functionand communication transmission capabilities. With it's prefect

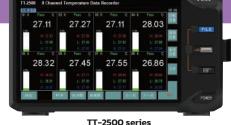
function, superior performance and simple operation, it can fully meet



- 7-inch 24-bit true color LCD screen, 1024X600 resolution.
- 3 scanning speeds: slow, fast and ultra-fast (100ms).
- Specify channel scan and with cold junction compensation.
- 2U height, support up to 64 channels scanning, the industry's highest integration temperature scanning tester.
- Automatic detection of broken couples, intuitive numerical display, histogram and graph display.
- Standard 8G USB flash disk and USB Host interface, supporting USB flash disk storage and flash disk segmentation.
- With a file system, shutdown does not lose current instrument settings.
- Standard 8G U disk and USB Host interface, support U disk storage.
- Temperature upper and lower limit alarms and color changes warning for over-run reading, It can set the upper and lower limit for each channel.
- Suitable for standard half 2U cabinet, ultra short chassis.
- Screen capture function, data recording and parameter saving function.
- Each channel can independently set sorting boundaries and handler sorting results and can be expended to 64 channels and 128 channels (with new rear slot type)
- Tester firmware program can be upgraded via USB Host.
- The handler interface ins used to achieve online operation. It is the only temperature scanner with a fully insolated handler interface in the industry, saying goodbye to the embarrassment of not being able to directly connect a temperature tester to a PLC.



TT-2508 ~ 64: Multi-channel Temperature Data Recorder (Thermocouple, Isolation 350Vdc)





Rear panel for TT-2508 ~ TT-2564



Rear panel for TT-2572 ~ TT-25128

## **Standard Accessories:**

• User Manual

 Power cord Test report • Communication cable

• Data collection software

• K-type Thermocouple wire set



Model	TT-2508	TT-2516	TT-2524	TT-2532	TT-2540	TT-2548	TT-2556	TT-2564
Number of Channel	8	16	24	32	40	48	56	64
Key Features	Scanning measurement, peak to peak isolation voltage between channels 350VDC							
Graduation	Thermocouple: K/N/E/J/T/R/S/B Type							
Test Range	-200°C ~ 1800°C (depending on the thermocouple type)							
Resolution	0.01°C							
Basic Accuracy	±0.2%±2digits (excluding thermocouple accuracy)							
Scan Speed	Slow 1s acquistion of 64 channels, fast 500ms acquistion of 64 channels (optional 100ms acquistion)							
Channel expansion	$8\sim64$ (depensing on the product model) Support channel expansion to 128 channels and 256 channels							
Comparator	Specially desinged temperature upper and lower limit alarms and color warmings for over-limited reading, can set upper and lower limited							
	for each temperature data.							
Other Functions	Optional rechargeable battery							
Interface	RS-232, USB HOST as standard							
Temp & Humidity	Temperature: 15 ~ 35°C, Humidity: <80% RH							
Power supply	100 ~ 240Vac, 50Hz/60Hz, Rated power : 10 VA							
Dimension	215 (W) x 140 (H) x 330 (D) mm.							
Weight	3 kg.							