

## Multi-Channel Temperature Tester

### TT-2400 series (8ch to 64ch)

TT-2400 series multi-channel temperature tester with high-performance ARM microprocessor control, 7-inch color LCD display, touch screen operation, easy to view temperature values, temperature changes Curves, histograms, etc., can collect multi-channel temperature data at the same time, super-super alarm and communication transmission, TT-2400 series can collect 64-channel temperature data, compatible with K/N/E/J/T/R/S/B Type thermocouple, fast response, stable data, and fault detection. Each channel can be set individually and independently corrected. The instrument supports USB communication, and data acquisition, analysis and printing can be realized through the standard computer software. Support USB disk storage for real-time storage of sampled data. Users can independently correct each data.

TT-2400 series uses fully isolated digital and analog signals, ## can be tested for live (isolated voltage 230Vrms, 330Vdc), safe and reliable.

The TT-2400V series adopts fully isolated digital and analog signals, ## can be tested on-line (isolation voltage 230V rms, 330VDC), support PT100, CU50, safe and reliable.

The TT-2400D series uses fully isolated digital and analog signals, ## (Channel segregation of voltage 1000V, safe and reliable).

The TT-2400H series uses fully isolated digital and analog signals, ## (Channel segregation of voltage 2000V, safe and reliable).



TT-2400 Series



TT-2400 Series (Rear panel)

#### Features

- 7 inches TFT true color LCD display
- Histogram display, graph
- Highest value, lowest value, average value display
- Cold junction compensation
- Standard USB disk interface, support for large-capacity storage devices.
- Standard RS232C interface and USB interface
- Automatic detection of broken couple
- Specified channel scan
- Standard data acquisition software

#### Standard Accessories:

- User Manual
- Power cord
- K-type Thermocouple wire (2m/pcs)
- U disc
- Communication cable
- Data collection software

#### Specifications:

Specifications/Model	TT-2400 Series			
Graduation	Thermocouple : J/K/T/E/S/N/B/R			
Accuracy	0.2%+1°C			
Range	-200°C 1800°C (variation depend on graduation)			
Resolution	0.01°C			
Channels	TT-2408 : 8 channels	TT-2416 : 16 channels	TT-2424 : 24 channels	TT-2432 : 32 channels
	TT-2440 : 40 channels	TT-2448 : 48 channels	TT-2456 : 56 channels	TT-2464 : 64 channels
Correction	Error correction for each channel			
Comparator	High & low beep function for each channel			
Interface	RS-232, U-disc, USB			
Software	TTS-24 data acquisition software			
Cold Junction	Accuracy : 0.5°C			
Other Functions	TFT-LCD True color display, broken thermocouple check function			
Power Supply	85Vac 260Vac, 50/60Hz Power : 10VA			
Dimension (WxHxD)	216x88x300			
Weight	3kg.			

#### Ordering Information

TT-2408 ~ 64 : Multi-channel Temperature Tester, J/K/T/E/S/N/B/R Thermocouple, Isolation 230Vrms, 330Vdc

TT-2408V ~ 64V : Multi-channel Temperature Tester, J/K/T/E/S/N/B/R Thermocouple, RTD, Isolation 230Vrms, 330Vdc

TT-2408D ~ 64D : Multi-channel Temperature Tester, J/K/T/E/S/N/B/R Thermocouple, Isolation 1000Vrms

TT-2408H ~ 32H: Multi-channel Temperature Tester, J/K/T/E/S/N/B/R Thermocouple, Isolation 2000Vrms