

# Muilt-Channel Temperature Tester

## JK7K-Series

### Features

- Using 32 bit RAM high speed processor, sampling faster
- Support a variety of sensor inputs, such as DC current: 4-20mA. DC voltage: 0-5V. thermocouple: K, J, T, S, N, R, thermal resistance and Humidity sensor (option)
- PT100, CU50, frequency signal: 0-10000Hz.
- Provide DC24V transmitter power output 1 road, can also be purchased separately output module (each module provides 8 DC24V transmitter power output)
- Modular design, the user can later purchase measurement module to increase the test channel
- The standard 8 channel, up to 64 channels. Each module for 8 channels.
- Using 7 inches large screen, support for touch control operation and keys at the same time
- Mouse keyboard plug and play
- Multi screen display, support for digital display, bar graph display, curve display
- Specific alarm function, you can set the upper and lower limits
- Built in FLASH memory, the capacity of 64M. by 8 channels, the longest can be recorded
- Support external U disk online storage function, easy to download and copy data at any time
- Support AC 65V-240V power supply and DC 24V power supply (option)
- Support lithium battery power supply (optional)
- Standard RS232 communication transmission and control software

**NEW**



JK7K-16



JK7K-40 (rear panel)

### Ordering Information

#### Standard Accessories:

- User Manual
- K-type thermocouple wire 1 set.
- RS-232 cable & software
- Power cord

#### Optional Accessories:

- Humidity sensor (per ch)
- DC 24V power supply
- Lithium battery pack
- U-disk storage

Specifications	JK7K Series
Display model	7 inch TFT LCD screen and data /Bar chart/Real-time curve display
Channel	Standard 8 channels (a maximum of 64 channel needs additional purchase, each of the 8 channels as a module)
Module socket	8
K-thermocouple	-100 ~ 1370 °C accuracy: $\pm 0.5\% + 0.6\text{ }^{\circ}\text{C}$
J-thermocouple	-100 ~ 1200 °C accuracy: $\pm 0.5\% + 0.6\text{ }^{\circ}\text{C}$
T-thermocouple	-100 ~ 400 °C accuracy: $\pm 0.5\% + 0.5\text{ }^{\circ}\text{C}$
N-thermocouple	0 ~ 1300 °C accuracy: $\pm 0.5\% + 0.6\text{ }^{\circ}\text{C}$
R-thermocouple	300 ~ 1768 °C accuracy: $\pm 0.5\% + 0.8\text{ }^{\circ}\text{C}$
S-thermocouple	300 ~ 1768 °C accuracy: $\pm 0.5\% + 0.9\text{ }^{\circ}\text{C}$
Humidity range	0% RH ~ 100%RH (The humidity sensor needs additional purchase)
PT100 thermal resistance	-200 ~ 660 °C accuracy: $\pm 0.5\% + 0.3\text{ }^{\circ}\text{C}$
Resolving power	0.01 °C
Recording interval	1sec - 24h can be arbitrarily set
Storage	Built in 64M storage, U disk storage (U disk : needs additional purchase)
Alarm function	300 ~ 1768 °C accuracy: $\pm 0.5\% + 0.9\text{ }^{\circ}\text{C}$
Interface	RS-232
Power supply	AC 65V-240V, DC 24V Lithium battery power supply (needs additional purchase )
Dimension (L*W*H)	285*300*125mm.
Weight	3.4kg