AT4508 4516/4524/4532

MULTI CHANNEL TEMPERATURE METER

CHINESE/ENGLISH OPERATION
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 3kg

Measuring range -200℃~1800℃

- **Maximum expandable 128 channels**
- **Optional curve display**
- **Universal thermocouple input**
- **U disk real-time data automatic storage**

The AT45 series multi-channel temperature me ter is controlled by a high-performance ARM microprocessor, which can simultaneously collect multi-channel temperature data and record the data on USB memory. It can provide upper and lower temperature alarms and communication transmission and can be extended to 128 channels of temperature data. It is compatible with multiple temperature sensors, has fast response speed, stable data, and has the function of breaking even detection. The instrument supports RS-232 communication and can achieve data collection, analysis, printing through standard computer software and Supports USB disk storage for real-time storage of sampling data. Users can independently calibrate each channel of data.



Power Supply 90VAC~260VAC
47.5Hz~52.5Hz Power: maximum 10VA

MODEL	AT4508	AT4516	AT4524	AT4532
Sensor	Thermocouple: J/K/T/E/S/N/B/R			
Accuracy	±0.2%±2dgt (Excluding thermocouples)			
Test range	-200℃ ~1800℃ （The testing range varies depending on the sensor）			
Resolution	0.1℃			
Channels	Expandable to 128 channels			
	8channels;	16channels;	24channels;	32channels;
Speed	Medium 500ms; Slow 1s			
Calibration	Error correction for per channel			
Cold end compensation	Accuracy: 0.5℃			
Test terminal voltage	The isolation voltage between channels is **350V DC and 230V AC**			
Comparator	Upper and lower overload alarms; Set up upper and lower overshoots separately for each channel			
Interface	RS232C、 USB			
Beep	On / Off			
Data record	USB memory			
Others	TFT-LCD true color LCD display; Couple breakage detection function			
Accessories	ATL109 Thermocouple, each 2 meters long (supplied with the equipment, matching the number of channels)			
	ATL108 RS232 communication cable; ATN2 USB adapter box; ATS45 data acquisition software;USB flash disk			