AT 4108 / 4116
MULTI CHANNELS TEMPERATURE METER

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

Measuring range -200℃~1800℃

- **Sampling speed setting**
- **Sound function setting**
- **Temperature unit setting**
- **Comparator function setting**

The AT4108/4116 multi-channel temperature meter is controlled by a high-performance ARM microprocessor, which can simultaneously collect multi-channel temperature data and record the data on USB memory. It is compatible with multiple temperature sensors, has fast response speed, stable data and has the function of breaking even detection.



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

The instrument is equipped with an RS232 interface, data collection, analysis, and printing it can be achieved through standard computer software and supports USB disk storage for real-time storage of sampling data. Users can independently calibrate each channel of data

MODEL	AT4108	AT4116
Sensor	Thermocouple: J/K/T	
Accuracy	±0.2%±2 dgt (Excluding thermocouples)	
Test scope	-200℃ ~1800℃ （The testing range varies depending on the sensor）	
Resolution	0.1℃	
Channels	8channels;	16channels;
Speed	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; Broken couple detection function mixed sampling	
Accessories	ATL109B 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;	