AT 4202 Smart Touch

4204/4208 HANDHELD MULTI CHANNEL TEMPERATURE METER

- Universal thermocouple input
- Automatic storage of real-time data on USB flash drives

CHINESE/ENGLISH OPERATION

90 (W) * 190 (H) * 31 (D)
UNIT: mm

Weight: 400g



Power Supplyt:Input: 100-240V, 50/60Hz, 0.35A, Output:9V 1A DC

The AT42 series handheld multi-channel temperature tester is controlled by a high-performance 32-bit ARM microprocessor, which can simultaneously collect multi-channel temperature data, provide upper and lower temperature alarms and transmit communication. It is compatible with various temperature sensors, has fast response speed, stable data and has the function of breaking even detection.

The instrument is equipped with a USB-HID interface as standard throughout the entire series, which is compatible with SCPI (Standard Command for Programmable Instrument) through open computer remote control commands for users. Users can independently write computer software to efficiently complete remote control and data collection functions.

MODEL	AT4202	AT4204	AT4208
Sensor	Thermocouple: J/K/T/E/S/N/B/R		
Accuracy	±0.2%±2dgt (Excluding thermocouples)		
Test scope	-200°C~1800°C（The testing range varies depending on the sensor）		
Resolution	0.1°C		
Channels	2 channels;	4 channels;	8 channels;
Speed	1s		
Calibration	Error correction for per channel		
Comparator	Upper and lower overload alarms		
Cold end compensation	Accuracy: 0.5℃		
Interface	Mini-USB, Charging interface, USB		
Test terminal voltage	Channel isolation voltage under 100V		
Battery parameters	8.4V, Li 1400mAh ;Rechargeable Battery		
Charging time	Max :200Min		
Working time	Brightness 30% ≥ 14 hours; Brightness 50% ≥ 12 hours; Brightness 100% ≥ 9 hours		
Others	2.8 inch true color 16M color; TFT-LCD display; Touch screen; USB communication, compatible with SCPI instruction set;Backlight adjustment; Scheduled shutdown; USB disk storage		
Accessories	ATL110A Thermocouple, each 2 meters long (supplied with the equipment, matching the number of channels)		
	ATL909 DC adaptor ;ATL805 Li battery ;ATL105 USB communication cable ; Data acquisition software;		