NEW UPGRADE

AT4708A~64A

MULTI CHANNEL TEMPERATURE METER

CHINESE/ENGLISH OPERATION

294 (W) * 130 (H) * 316 (D)
UNIT: mm

Weight: 3kg

UNIVERSAL TEMPERATURE ACQUISITION

Smart Touch

- 7 inch screen;1024*600 resolution
- Built-in 64G memory
- Bar chart and curve chart display
- Full series of ultra strong anti-interference



Power Supply 100VAC~240VAC 47.5Hz~52.5Hz Power: maximum 10VA

The AT47 series has been upgraded to the AT47A series, which is an iterative upgrade model of the same series. The instrument is controlled by a high-performance ARM9 microprocessor; Real time high-speed data collection. Newly upgraded touch full mirror panel, using ONMEAS 9th edition ATOS operating system, supporting Chinese and English interfaces, intuitive operation, easier to use and more intelligent.

The newly designed AT47A series comes standard with 64GB of ultra large memory, communication mapping USB flash drive, and real-time FPGA circuit, breaking through the sampling rate limit. Combined with efficient and high-precision analog circuits, it achieves high-precision and ultra high speed sampling, and the temperature resolution for testing is increased to 0.01 ° C. The instrument channel isolation voltage is 350VDC and 230VAC (fully isolated digital and analog signals), suitable for general live testing environments such as electronics, home appliances, laboratories, and conventional production line temperature monitoring.

MODEL	AT4708A	AT4716A	AT4724A	AT4732A	AT4740A	AT4748A	AT4756A	AT4764A
Sensor	Thermocouple：J/K/T/E/S/N/B/R							
Accuracy	±0.2%±2 dgt (Excluding thermocouples)							
Test scope	-200℃ ~1800℃（The testing range varies depending on the sensor）							
Resolution	0.01℃							
Channels	8CHS	16CHS	24CHS	32CHS	40CHS	48CHS	56CHS	64CHS
Display number	Main parameter 5 bits							
Speed	Medium 500ms, Slow 1s							
Calibration	Error correction for per channel							
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							
Cold end compensation	Accuracy 0.5℃							
Beep	ON/OFF							
Interface	LAN interface, **TYPE-C** communication and USB, as well as optional RS485 and wireless network module							
Others	TFT-LCD true color LCD display; Broken couple detection function; **Display of numerical values, bar charts and curves**;Display of the average value of the upper and lower limit values; **Standard 64G super large memory**;							
Accessories	ATL109Thermocouple, each 2 meters long (supplied with the equipment, matching the number of channels)							
	TYPE-C communication cable; ATS45Data acquisition software;							