

NEW AT4708AV ~ 64AV

UPGRADE

MULTI CHANNEL TEMPERATURE METER

CHINESE/ENGLISH
OPERATION

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

Weight: 3kg

VOLTAGE TESTING FUNCTION
MAX 64 channels

Smart Touch

- Can connect to upper computer software
- Temperature+voltage synchronous acquisition
- Bar chart and curve chart display
- Built in 64G memory

The AT47V series has been upgraded to the AT47AV 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 Anbai 9th edition ATOS operating system, supporting Chinese and English interfaces, intuitive operation, easier to use and more intelligent. The newly designed AT47AV series comes standard with



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

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 complex systems that require simultaneous monitoring of temperature and voltage, such as new energy, automation control, and other fields.

MODEL	AT4708AV	AT4716AV	AT4724AV	AT4732AV	AT4740AV	AT4748AV	AT4756AV	AT4764AV
Sensor	Thermocouple: J/K/T/E/S/N/B/R; Added support for PT100; CU50; DCV; PT1000 (optional)							
Accuracy	±0.2%±2 dgt(Excluding thermocouples); PT100: ±0.6°C CU50 : ±0.6°C ; PT1000: ±0.6°C							
Test scope	-200°C ~1800°C (The testing range varies depending on the sensor)							
Resolution	thermocouple:0.01°C ; thermal resistance:0.01°C							
Channels	8CHS	16CHS	24CHS	32CHS	40CHS	48CHS	56CHS	64CHS
Display number	Main parameter 5 bits							
Voltage test	100.00V 0.05% ; 10.000V 0.05% ; 1.0000V 0.05% ; 100.00mV 0.1%							
Speed	Slow 1s, Medium 500ms							
Calibration	Error correction for per channel							
Test terminal voltage	The isolation voltage between channels is 350V DC and 230V AC							
RH	RH humidity (optional)							
Comparator	Upper and lower overload alarms; Set up upper and lower overshoots separately for each channel							
Cold end compensation	Accuracy 0.5°C							
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	ATL109D Each thermocouple is 2 meters long (thermocouples corresponding to the number of channels are provided with the equipment) TYPE-C communication cable; ata acquisition software;							