AT47xx series multi-channel temperature meter adopt high-performance ARM micro processor, can collect multi-channel temperature data simultaneously and response quickly. AT47xx series have the function of checking broken thermocouple, high/low beep function and communication transmission. 64 channels' temperature data can be extended, compatible with various temperature sensors. Support RS-232 communication, realize data acquisition, analysis and print through the standard computer software. Has USB disk storage and store real-time sampling data. The users can adjust data for each channel independently.

SPECIFICATIONS

	AT4708	AT4716/AT4724	AT4732
Graduation	Thermocouple：J/K/T/E/S/N/B/R		
Basic Accuracy	0.2℃ ± 2 digits （not include thermocouple accuracy)		
Measurement Range	-200℃~1300℃ （Varying depend on graduation)		
Resolution	0.1℃		
Channels	8 channels; Can be expanded to 64 channels	16/24 channels; Can be expanded to 64 channels	32 channels; Can be expanded to 64 channels
Speed	Fast：500ms/channel Slow：1s/channel		
Correction	Error correct for each channel		
Comparator	High/low beep. Individual setting high/low value for each channel		
Interface	RS232C communication interface , U-disc interface		
Software	ATS47xx data acquisition software		
Cold Junction Compensation	Accuracy：0.5℃		
Others	7 inches TFT-LCD True-color LCD display, broken thermocouple check function, histogram curve chart upper limit value lower limit value, average value display		

GENERAL FEATURES

Power Supply	Voltage: 85VAC-260VAC Frequency: 50Hz/60Hz Power: 10VA
Size	216mm (Width)x88mm(Height)x300mm(Depth), 5kg

ORDERING INFORMATION

Accessories	AT4708: K Type thermocouple 8 teams (2m/team)
	AT4716/AT4724: K Type thermocouple 16/24 teams (2m/team)
	AT4732: K Type thermocouple 32 teams (2m/team)
	RS232C communication cable
	U-disc, data acquisition software
	AC power cord