AT4108 and AT4116 multi-channel temperature meter adopt high-performance ARM micro processor, can collect multi-channel temperature data simultaneously and response quickly. AT4108 and AT4116 have the function of checking broken thermocouple, high/low beep function and communication transmission. 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

	AT4108	AT4116
Graduation	Thermocouple：J/K/T	
Basic Accuracy	0.2℃±2 digits (not include thermocouple accuracy)	
Measurement Range	-200℃～1800℃ (Varying depend on graduation)	
Resolution	0.1℃	
Channels	8 channels	16 channels
Speed	Slow: 1s	
Comparator	High/low beep. Individual setting high/low value for each channel	
Interface	RS232C interface, U-disc interface	
Software	ATS45xx data acquisition software	
Cold Junction Compensation	Accuracy：0.5℃	
Others	TFT-LCD True-color LCD display，broken thermocouple check function	

GENERAL FEATURES

Power Supply	Voltage：85VAC～260VAC
	Frequency：50Hz/60Hz Power：10VA
Size	216mm(Width)x88mm(Height)x300mm(Depth), 3kg

ORDERING INFORMATION

Accessories	AT4108: K Type thermocouple 8 teams (2m/team)
	AT4116: K Type thermocouple 16 teams (2m/team)
	RS232 Communication cable
	Data acquisition software
	AC power cord