AT45xx series multi-channel temperature meter adopt high-performance ARM micro processor, can collect multi-channel temperature data simultaneously and response quickly. AT45xx series have the function of high/low beep function and communication transmission. 128 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

	AT4508	AT4516	AT4532
Graduation	Thermocouple : J/K/T/E/S/N/B/R , Thermal resistance : PT100/CU50		
Accuracy	Thermocouple ：(0.2%+1) Thermal resistance : ±0.6		
Measurement Range	-200°C~1300°C (Varying depend on graduation)		
Resolution	Thermocouple : 0.1℃ Thermal resistance : 0.01℃		
Channels	8 channels ; 128 channels are available	16 channels ; 128 channels are available	32 channels ; 128 channels are available
Speed	Fast : 100ms/channel Medium : 500ms/channel Low : 1s/channel		
Correction	Error correct for each channel		
Comparator	High/low beep Individual setting high/low value for each channel		
Interface	RS232C interface U-disc interface USB communication interface		
Options	Mini printer interface		
Software	ATS45 data acquisition function		
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	AT4508: T thermocouple 8 teams(2m/team)
	AT4516: T thermocouple 16 teams(2m/team)
	AT4532: T thermocouple 32 teams(2m/team)
	Optional: PT100/CU50 thermal resistance