Applent

Touch screen
Support various thermocouples
Chinese and English menu

Handheld Multi-channel
Temperature Meter
AT4202   AT4204   AT4208

AT420x handheld multi-channel temperature meter adopts high-performance ARM micro processor, can collect multi-channel temperature data simultaneously and response quickly. AT4208 has the function of broken thermocouple checking, high/low beep function and communication transmission. Ultra-low power consumption and high density SMD assembly technology. True-color TFT liquid crystal display, keypad and touch screen double control. It is Li- battery powered. USB communication. Switch in both English and Chinese.

The standard computer software can realize the data analysis.

2013 NEW!

SPECIFICATIONS

	AT4202	AT4204	AT4208
Graduation	Thermocouple : J/K/T/E/S/N/B/R		
Accuracy	0.2%+1℃		
Range	-200°C~1300°C (variation depend on graduation)		
Resolution	0.1°C		
Channel	2 channels	4 channels	8 channels
Speed	Fast : 100ms/channel Medium : 500ms/channel Low : 1s/channel		
Correction	Error correction for each channel		
Comparator	High & low beep function		
Interface	Mini-USB interface		
Option	USB-DISK Interface Micro-SD Card Interface		
Software	ATS42 data acquisition software		
Cold Junction Compensation	Accuracy : 0.5℃		
Others	2.8 inches True-color 16M TFT-LCD LCD display, touch screen, USB communication, compatible SCPI instruction set, switch in both English and Chinese ; adjustable back light; automatic power off		

GENERAL FEATURES

Power Supply	Input : 100-240V~50/60Hz 0.35A Output : 9V 1A DC
Battery Parameters	8.4V, Li, 1400mA rechargeable battery
Charging time	Single continuous charging time: Max 200Mins
Working Time	Brightness 30%≥14 hours, Brightness 50%≥12 hours, Brightness 100%≥9 hours
Size	Outside (mm)：90 (Width)x190(Height)x31 (Depth) 400g

ORDERING INFORMATION

Accessories	K thermocouple 2/4/8 pcs (2m/pcs) ATL909: DC power adaptor ATL805: Lithium battery ATL105Mini-USB communication cable ATS42 data acquisition software