

Handheld Multi-Channel Temperature Meter

AT4202/AT4204/AT4208

Characters

- Range: -200° C~1300° C
- Resolution : 0.1° C
- Touch+key control
- Universal thermocouple input



AT42 series

AT42 series handheld multi-channel temperature meter adopt high performance 32 dgt ARM micro processor control, can collection multi-channel temperature data at the same time, upper/ lower beep and communication transport, compatible various of temperature sensors, fast response, stable data and has broken detection check function.

super-lower power design and high density SMD assembly technology, color TFT LCD display, controlled by touch screen and key board, Li battery supply, USB communication.

Switch in Chinese/English, the standard equipped data collection software can offer data analysis for you! Support USB disk store, storage sample data on real time.

SPECIFICATIONS

AT42 SERIES	
Graduation	thermocouple: J/K/T/E/S/N/B/R
Accuracy	± 0.2 % ± 2 dgt (not include thermocouple)
Range	-200° C~1300° C (variation depend on graduation)
Resolution	0.1° C
Channel	AT4202:2 channel AT4204:4 channel AT4208:8 channel
scan speed	fast: 100ms medium: 500ms slow: 1s
Adjustment	Error correction for each channel
comparator	upper/lower beep
Interface	Mini-USB, charging interface U disk interface
Software	ATS42 data collection software
Cold Junction	Accuracy: 0.5° C
Others	2.8 inch color 16M TFT-LCD display; Touch screen; USB communication, compatible SCPI order set; Chinese/English; Adjustable back light; power off automatic USB disk storage
Power supply	input: 100-240V~50/60Hz 0.35A output: 9V 1A DC
Battery parameters	8.4V, Li 1400mAh rechargeable Li battery
Charging time	Max 200Min
Working hours	Brightness 30% ≥ 14 hours Brightness 50% ≥ 12 hours Brightness 100% ≥ 9 hours
Sizes Weight	90 x 190 x 31mm 400g
Accessories	Thermometer: 2m/pcs ATL909 DC adaptor ATL805 Li battery ATL105 USB communication cable ATS42 data collection software