# AT 4108 / 4116
## MULTI CHANNELS TEMPERATURE METER

**CHINESE/ENGLISH OPERATION**
264 (W) * 107 (H) * 350 (D)
UNIT: mm
**Weight: 3kg**

# Measuring range -200℃~1800℃

- **Sampling speed setting**
- **Sound function setting**
- **Temperature unit setting**
- **Comparator function setting**

The AT4108/4116 multi-channel temperature tester is controlled by a high-performance ARM microprocessor, which can simultaneously collect multi-channel temperature data and record the data on USB memory. It is compatible with multiple temperature sensors, has fast response speed, stable data and has the function of breaking even detection.

The instrument is equipped with an RS232 interface, data collection, analysis, and printing it can be achieved through standard computer software and supports USB disk storage for real-time storage of sampling data. Users can independently calibrate each channel of data

Power Supply 90VAC~260VAC 47.5Hz~52.5Hz Power: maximum 10VA

| MODEL | AT4108 | AT4116 |
|---|---|---|
| Sensor | Thermocouple：J/K/T | |
| Accuracy | ±0.2%±2 dgt (Excluding thermocouples) | |
| Test scope | -200℃ ~1800℃ （The testing range varies depending on the sensor） | |
| Resolution | 0.1℃ | |
| Channels | 8channels； | 16channels； |
| Speed | 1s | |
| Calibration | Error correction for per channel | |
| Cold end compensation | Accuracy：0.5℃ | |
| Test terminal voltage | The isolation voltage between channels is **350V DC and 230V AC** | |
| Comparator | Upper and lower overload alarms; Set up upper and lower overshoots separately for each channel | |
| Interface | RS232C、 USB | |
| Beep | On / Off | |
| Data record | USB memory | |
| Others | TFT-LCD true color LCD display; Broken couple detection function mixed sampling | |
| Accessories | Thermocouples 8roots 2m/root | Thermocouples 16roots 2m/root |
| | ATL108 RS232 communication cable; ATN2 USB adapter box; ATS45 data acquisition software; | |