



## **AI-5600**

### **High Performance Intelligent Handheld Precision Thermometer**

**AI-5600 handheld precision thermometer, based on the 24-bit AD converters and 16-bit single chip design, with high accuracy and high stability, low-power, multi-input, multi-measurement results, easy-to-use operation and so on. Through matching suitable sensor, it can be widely used in the production, scientific research, laboratory with sophisticated temperature measurement and  $\Omega$  / mV / mA precision measurement occasions.**

#### **Main features:**

##### **Input type:**

Pt100, Pt1000, Cu50, Cu100, K, S, E, T, J, R, B, N,  
as well as  $\Omega$ , mV, mA Signal.

**Thermocouple internal, external, artificial three compensation.**

##### **Mathematical statistical measurements:**

In addition to basic measurements, but also the relative value measured at the same time, maximum, minimum, average, peak-peak, standard deviation and sampling a few.

##### **6 figures show that the resolution can be set up:**

**Maximum resolution of 0.001 °C** (thermal resistance), or **0.01 °C** (K / E / J / T / N thermocouples).

**Thermocouple on the thermal resistance and there are four display units can be arbitrary switching:**

$\Omega$  or mV, °C, F, K.

**LCD display layout clean, white backlight;**

**Buttons concise, compact and refined appearance.**

**Ceiling limit alarm settings.**

**User calibration available.**

**Low power consumption: (AA SIZE) batteries, up to 1500 hours of continuous work time (typical).**



### Dimension

Size	Weight
115X70X30mm	Appox. 0.25Kg