# DIGITAL TEMPERATURE METER OPERATION MANUAL

### 1.GENERAL DESCRIPTION

DISPLAY

31/2 digit LCD 1999 counts

OVERRANGE INDICATION

"1" figure only on the display

LOW BATTERY INDICATION

"BAT" or " = " appears on the display

OPERATING ENVIRONMENT

-10~50°C RH<80%

STORAGE ENVIRONMENT

-20~60°C RH<80%

POWER

SIZE

9V battery, NEDA 1604 or IEC 6F22

105mm\*70mm\*20mm

WEIGHT

approx.283g

ACCESSORIES

operator's instruction manual, 9V battery, "TP01" type thermocouple . gift box

TEMPERATURE COEFFICIENT 0.1\*specified accuracy/°C(<18°C or >28°C)

#### 2. SPECIFICATIONS

Accuracy is specified for a period of one year after calibration and at 18 to 28°C with relative humidity to 80%

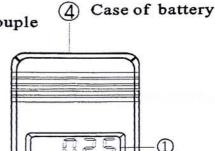
Range	Accuracy	Resolution	
(-40 ~-20)℃	<±3℃	1℃	
(-20 ~ 0)℃	<±2℃		
(0 ~ 750)℃	±(0.75%+1)℃		
(750 ~ 1300)℃	±(2.5%+2)℃		

## 3. METER DESCRIPTION

1 LCD display 2 Power switch

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(3) K type thermocouple jack



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## 4. OPERATING INSTRUCTION

Open the power, the meter working after 3 minute Insert K type thermocouple into the temperature measuring socket and contact the object to be measured with the thermocouple

read the temperature value on the LCD display

#### 5. HOW TO SELECT THE K TYPE THERMOCOUPLE

Model	Range	Applicability	Accuracy
Ty01	(-50 ~250)℃	any condition	<±1.5℃
Ty02	(-50~750)℃	liquid	<±0.4%℃
Ty03	(-50~1300)℃	solid	<±0.3%℃

#### 6.NOTE

If the sign "BAT" or "FF" appears on the LCD display, it indicates that battery should be replaced .Open the battery case., Replace the exhausted battery with a new one. When select K type thermocouple, must tally with the applicability. The Tp01 thermocouple of this meter maximal measuring 250°C