

DIGITAL TEMPERATURE METER OPERATION MANUAL

1. GENERAL DESCRIPTION

DISPLAY	3 1/2 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	9V battery ,NEDA 1604 or IEC 6F22
SIZE	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)°C	<±3°C	1°C
(-20 ~ 0)°C	<±2°C	
(0 ~ 750)°C	±(0.75%+1)°C	
(750 ~ 1300)°C	±(2.5%+2)°C	

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 probe
 read the temperature value on the LCD display

5. HOW TO SELECT THE K TYPE THERMOCOUPLE

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

6. NOTE

If the sign "BAT" or "⊖⊕" 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

3. METER DESCRIPTION

- ① LCD display
- ② Power switch
- ③ K type thermocouple jack
- ④ Case of battery

