

### 3. Measurement method:

Insert the plug of the sensor into the socket under the thermometer. Note the correct polarity.

If the temperature is very high, it can be used by hand (such as tp-02a) or any type K (nicr-niai) probe.

### 4. Probe selection (K type)

TP - 01 thermocouple measurement range 250 °C 300 °C (short-term), widely applicable to many fields. Scope of

TP - 02 a (select) : - 50 °C to 400 °C

Size : 10cm(pipe) diameter: 3.2mm.

5. Ordering instructions (ask the supplier before ordering) Switch is divided into button type or toggle type,

power supply is divided into DC3V type or DC9V type, button type has automatic shutdown, toggle type has no automatic shutdown, please inform the key type and battery specification when ordering.

## Portable digital thermometer

## Operating instructions

Thank you very much for using our products. Please read the following instructions carefully before using the products to test the temperature.

1. Special notes:

- any standard K type (nicr-nia) sensor can be used together.
- low power consumption liquid crystal display.
- large scale integrated circuits have high reliability and durability.
- - 50 °C to 1000 °C has a decimal point, according to above 1000 °C automatic conversion accuracy.

- solid, economical, portable and easy to operate.
2. Features:

2-1 technical characteristics:

k-type thermocouple (nicr-nia) Measuring range: - 50 °C to 1300 °C

Resolution: 0.1 °C (1-50 ~ 1000 °C) °C (1000-1300 °C)

Header: precision plus or minus 1% °C (not including sensor error) Cold junction compensation error of plus or minus 2 °C

Working

temperature: 0 °C to 50 °C, relative humidity 70% RH or less.

Storage temperature: - 10 °C to 60 °C, relative humidity 70% RH or less).

2-2. General characteristics

POWER on: press POWER button to start up the machine. The symbol "ON" is displayed in the upper left corner of LCD.

Toggle type start up: toggle the toggle switch to NO position, the thermometer start up

Display method : LCD LCD display

Sensor open display method: when the sensor opens, the screen will display "1".

Battery life: power consumption of 5 milliwatts, continuous use of about 500 hours.

Low power display: when the power display "ON" please change the battery, otherwise the temperature will be inaccurate.

Size: 108 x 72 x 23 mm

Weight: 105g (1.5V 7# battery \* 2 section), 130g (9V battery 6F22)

Impedance: 100 m Ω

Attachment: tp-01 with plug thermocouple and battery (free of warranty), one manual and one box.