DIGITAL THERMOMETER

TM-902C

INSTRUCTION MANUAL

Thanks for using our products. Please read the following instructions carefully before use the products. The products of our company are with quality warranty, high accuracy and conform to ISO9000 certificate to prevent counterfeiting.

Specifications

- This instrument is a digital thermometer for use with any K-type(NiCr-Niai) hermocouple
- Decimal point displaying at -199.9°C-199.9°C, automatic at 200°C or more.
- Low power consumption LCD screen.

ELECTRICAL:

Measurement range: -50 to 750℃ and
-50 to 1300℃

Resolution: 0. 1℃, 1℃
Maximum Voltage at Thermocouple input: 60V DC, 24V AC.

ENVIRONMENTAL

Ambient Operating Range: 0 to 50℃

Storage Temperature: -40 to 60℃

Humidity: -10°C-60°C, relative Temperatures≤70%RH

GENERAL FEATURES

Display method:

1. LED display: 3½ Digit liquid crystal display (LCD) with maximum reading of 1999.
2. Sensor opening display: When the sensor is open, the screen will display "1".
3. Battery: Stanard 9V battery (NEDA 1604, 6F22, OR 006P)
4. Battery life: 500-600 hours
5. Low battery indication: Displaying " ⊏: " when the battery is below.
6. Size: 24 x 72 x 108mm
7. Weight: 150g (including battery)
8. Resistance: 150MΩ
9. TP-01 Thermocouple probe: the highest operation temperature is 250℃(300℃ short-term), the sensor of this instrument is a thermocouple bead clutch with super response, generally applicable to many areas.

10. Accessories: A pair of thermocouple clutch with plug One synopsis, a outer packaging box

MEASUREMENT METHOD:

Inserting the plug of sensor into the socket below thermometer and observing the correct polarity. The sensor attached to the thermometer is a thermocouple bead speed clutch offensive applicable to many areas. However, the maximum operating temperature does not exceed 250 ℃ (300 ℃Short-terms). If you want to Measure very high temperatures, such as surface temperature, semi-solid, liquid temperature you can use a handheld Thermocouple probes combined device (such as TP-02A) or any equivalent probe of K-type (NiCR-NiAi.)

BATTERY REPLACEMENT

1. When the display appears " ⊏: " at the lower left corner, it means the battery is under voltage. Please change a new battery.
2. Remove the battery back cover, then taking the battery away.
3. Put on another new battery, and then sealed the cover.

Probe selection (K type)

1. TP-02A (option) Measuring range: -50 ℃ to 400 ℃
2. Size: 10cm (tube) diameter 3.2mm