# TASHIKA

# Non Contact IR Thermometer TB –880 with Type K input

**Infrared Thermometers allow users to measure temperature in applications where conventional sensors cannot be employed. Specifically, in cases dealing with moving objects (i.e. Rollers, moving machinery or a conveyor belt), or where non- contact measurements are required because of contamination or hazardous reasons (such as high voltage) where distances are too great, or where the temperature to be measured are too high for thermocouples or other contact sensors.**



## Features:

- Max and Mini function
- Automatic Selection range and Resolution 0.1° C
- Built in Laser Pointer
- Automatic Data Hold
- Data store/recall function
- ° C & ° F Switch
- Back Light LCD Display function indicators
- Auto Power Off after 7 seconds
- Unique flat surface, Modern Housing Design
- Safety – CE comply with EMC
- Relative Humidity- 10% to 80% rH

The IR Thermometer measures and displays non-contact (Infrared) temperature readings up to 1616°F (880°C). The Built-in laser pointer increases target accuracy while the backlit LCD and handy push-buttons combine for convenient, ergonomic operation. The Type K Thermocouple input provides contact measurements up to 1999°F (1400°C)*. The adjustable emissivity feature allows the IR thermometer to measure the temperature of virtually any surface. This meter is shipped fully tested and calibrated.

\* The supplied thermocouple is rated for 482°F (250°C).

## Standard Accessories:

\*Battery

\* User Manual

\* Soft Leather Carrying Case

# SPECIFICATIONS ‖

| TB-880 (With Type K input and Laser Point) | | |
|---|---|---|
| | **Infrared thermometer (Non- contact)** | **Type K Thermocouple (Contact)** |
| **Measuring Range** | -50° C to 880° C(-58 °F to 1616 °F) | -50℃ to 1400℃  (-58°F to 1999℃) |
| **Display** | LCD with back lighting | |
| **Display update Rate** | 1 second approx | |
| **Display resolution** | 0.1° | |
| **Accuracy** | -50° C to -1° C — ±2% reading or ±6° F/3° C whichever is greater<br>-0.5° C to 65° C — ±2% reading or ±4.5° F/2.5° C whichever is greater<br>66° C to 315° C — ±2% reading or ±4° F/2° C whichever is greater<br>316° C to 850° C — ±(2.5% reading +5° F/2.5° C )<br><br>Note: Accuracy is specified for the following ambient temperature range: 73 to 77° F (23 to 25° C | ± (1.5% of reading + 2°F or 1°C)<br><br>Note: Accuracy is specified for the following ambient temperature range: 64 to 82°F (18 to 28℃) |
| **D:S Ratio** | 13:1 | |
| **Data storage** | Automatic Data Hold & Auto power off | |
| **Emissivity** | Adjustable from 0.10~1.0 | |
| **Power Supply** | 9 V battery | |
| **Indications** | Low battery and over range indications | |
| **Alarm** | Hi/Lo Temperature Alarm | |
| **Operating Temperature** | 32°F to 122°F (0℃ to 50℃) | |
| **Size** | 178.5 mm x 42 mm x 90.5 mm | |
| **Weight** | 165g including battery | |

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