

*Mini pocket type, Emissivity adj., Laser target light*  
**INFRARED THERMOMETER**

**Model : TM-958**

**ISO-9001, CE, IEC1010**



پترو فرهان گستر جنوب

**FGJ-NDT.IR**

**DIGINDT.IR**



+982165565901

+982144584619

+989034119385

**Lutron**

Tehran, Tehransar

**LUTRON ELECTRONIC**

**The Art of Measurement**

Laser Target Light

# INFRARED THERMOMETER

Model : TM-958 **پترو فرہان گستر جنوب**



## FEATURES

|   |  |
|---|--|
| * Infrared thermometer, non-contact temperature measurement, -30 to 300 °C ( -22 to 572 °F ), precision for none contact temperature measurement. | * Emissivity value can adjust from 0.2 to 1.00.          |
| * Microcomputer circuit with high performance.  | * Back light LCD display.                                |
| * Wide temperature measuring range.   | * LCD display both temperature and the emissivity value. |
| * Measurement via one operation button, easy to operate.  | * Laser target guide for IR thermometer.                 |
| * Build in °C & °F select switch.   | * 0.5 degree display resolution.                         |
| * Automatic data hold.  | * Auto power shut off saves battery life.                |
| * 0.95 default emissivity value.  | * Built-in low battery indicator.                        |
|   | * Compact housing case with stand.                       |
|   | * Operates from 006P DC 9V battery.                      |

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## GENERAL SPECIFICATIONS

|                       |  |  |   |
|-----------------------|--|--|---|
| Display               | LCD, 29 mm x 33 mm.<br>* Main display to show temp. value.<br>* Lower display to show emissivity value.<br>* Back Light. | Sampling Time                          | Approx. 0.6 second.   |
| Functions             | °C, °F,<br>Auto data hold,<br>Auto power off,<br>Auto LCD back light,<br>Emissivity adjustment.                          | Hold and<br>Auto Power<br>Off function | After release the operation switch,<br>display will hold the last measuring<br>value within 5 seconds continuously. |
| Measurement Range     | -30 to 300 °C ( -22 to 572 °F ),   | Over Indication                        | ≥ 305 °C, display will show 350 °C and flashed.<br>≤ -30 °C, display will show -30 °C and flashed.                  |
| Resolution            | 0.5 °C/0.5 °F.   | Power Supply                           | DC 9V battery, 006P, MN1604 ( PP3 )<br>or equivalent, heavy duty or Alkaline.                                       |
| Circuit               | Exclusive microcomputer circuit.   | Power                                  | Approx. DC 14 mA, with laser light out.   |
| Emissivity Adjustment | Adjustment range : 0.20 to 1.00.<br>* 0.95 default emissivity value.   | Consumption                            | Approx. DC 25 mA, w/o laser light out.  |
| Target Guide          | * Less than 1 mW.<br>* Class 2 laser diode. Red. Wave length is 645 nm approximately.                                    | Operating                              | 0 to 50 °C (32 to 122 °F).  |
|                       |  | Temp. and Humidity                     | Less than 80% RH.   |
|                       |  | Weight                                 | 140 g/0.3 LB ( without battery ).   |
|                       |  | Dimension                              | 160 x 92 x 45 mm.<br>( 6.3 x 3.6 x 1.8 inch ).  |
|                       |  | Standard                               | Operational manual..... 1 PC.   |
|                       |  | Accessory                              |   |

## ELECTRICAL SPECIFICATIONS

|                   |   |                         |   |
|-------------------|---|-------------------------|---|
| Measurement Range | -30 to 300 °C ( -22 to 572 °F ),  | Temp. Sensor            | Thermocouple pie.   |
| Resolution        | 0.5 °C/0.5 °F.  | Emissivity              | * By push button.   |
| Accuracy          | ± 3 % of reading or ± 3 °C ( 5 °F), which ever is greater.<br>* Meter operating temp. within 23± 5 °C and the emissivity value of measurement target set to 0.95.<br>* Spec. tested under the 20 cm dia. black body, the measuring distance from the probe sensing Head is 30 cm. | Setting                 | Setting range : 0.20 to 1.00.<br>* The default emissivity value is 0.95, which will cover 90% of a typical application. |
|                   |   | Measurement Wave length | 6 to 12 micro meter. ☎ +982165565901  |
|                   |   | Region                  | ☎ +982144584619   |
|                   |   | Distance Factor         | D/S : Approx. 7:1.<br>D - Distance, S - Spot. ☎ +989034119385   |

\* Appearance and specifications listed in this brochure are subject to change without notice.

503-TM958

Laser Target Light

# INFRARED THERMOMETER

Model : TM-958



| پترو فرھان کسٹر جنوب  |  | FEATURES                                  |                          |
|---|--|---|--------------------------|
| * Infrared thermometer, non-contact temperature measurement, -30 to 300 °C ( -22 to 572 °F ), precision for none contact temperature measurement. | * Emissivity value can adjust from 0.2 to 1.00.          | * Back light LCD display.                 |                          |
| * Microcomputer circuit with high performance.  | * LCD display both temperature and the emissivity value. | * Laser target guide for IR thermometer.  |                          |
| * Wide temperature measuring range.   | * 0.5 degree display resolution.                         | * Auto power shut off saves battery life. |                          |
| * Measurement via one operation button, easy to operate.  | * Built-in low battery indicator.                        | * Compact housing case with stand.        | FGJ-NDT.IR<br>DIGINDT.IR |
| * Build in °C & °F select switch.   | * Operates from 006P DC 9V battery.                      |   |                          |
| * Automatic data hold.  |  |   |                          |
| * 0.95 default emissivity value.  |  |   |                          |

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| Functions              | °C, °F,<br>Auto data hold,<br>Auto power off,<br>Auto LCD back light,<br>Emissivity adjustment.                          | Over Indication              | ≥ 305 °C, display will show 350 °C and flashed.<br>≤ -30 °C, display will show -30 °C and flashed.            |
|                        |  | Power Supply                 | DC 9V battery, 006P, MN1604 ( PP3 ) or equivalent, heavy duty or Alkaline.                                    |
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