**IR Thermometer**

**Description**
This model is an infrared thermometer which can determine the surface temperature by measuring the amount of infrared energy radiated by the target surface. It has different distance to spot (D:S) ratios and different temperature ranges. The thermometer is a non-contact infrared instrument designed with low power consumption, which can make the measurements much faster and easier and meanwhile save you amount of time from frequent battery replacement. It can be powered by the battery or the source with USB connected to.

**Features**
- °C/°F Selection
- Laser Switch
- Display Hold (s) : 8 Seconds
- Data Hold
- Auto Power Off
- Low Battery Indication
- MAX Mode
- MIN Mode
- DIFF Mode
- AVG Mode
- LCD Backlight
- Electricity Cut-off Memory
- Tripod Mount

**Specifications**
- **Temperature Range**: -32°C to +650°C (-26°F to +1,202°F)
- **Accuracy**: ±1.8°C or ±1.8%
- **Repeatability**: ±0.5°C or ±0.5%
- **Resolution**: 0.1°C/0.1°F
- **Distance to Spot Size**: 20 : 1
- **Response Time**: 250mS (95% of reading)
- **Emissivity**: 0.1 to 1 Adjustable
- **Laser Type**: Class 2(II)
- **Laser Power**: <1mW
- **Laser Wavelength**: 630nm to 670nm
- **Spectral Response**: 8μm to 14μm

**General Characteristic**

<table>
<thead>
<tr>
<th>Power</th>
<th>9V Battery (6F22)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD Size</td>
<td>32mm × 29mm</td>
</tr>
<tr>
<td>Product Colour</td>
<td>Orange and Grey</td>
</tr>
<tr>
<td>Product Net Weight</td>
<td>322g</td>
</tr>
<tr>
<td>Product Size</td>
<td>169mm × 138mm × 53mm</td>
</tr>
<tr>
<td>Standard Accessories</td>
<td>Battery, Carrying Bag, USB Cable (External Power)</td>
</tr>
</tbody>
</table>

**Part Number Table**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrared Thermometer</td>
<td>72-823</td>
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</tbody>
</table>

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