



**Mastercool**<sup>®</sup> Inc.  
"World Class Quality"

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## 52225-MED MULTI-FUNCTION MEDICAL/SURFACE INFRARED THERMOMETER



### SPECIFICATIONS:

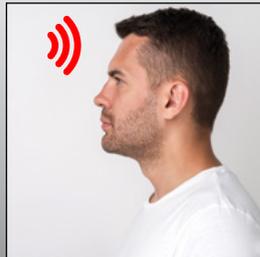
- Temperature measurement range:  
*forehead mode:* 93.2 to 108°F (34 to 42.2°C)  
*surface mode:* -7.6 to 176°F (-22 to 80°C)
- Operating temperature range: 50 to 104°F (10 to 40°C), 15% to 85% RH
- Storage temperature range: stored at room temperature between -4 to 122°F (-20 to 50°C), RH≤85%  
transportation temperature shall be less than 158°F (70°C), RH≤95%
- Atmospheric pressure: 800 to 1013 hPa
- Accuracy:  
*forehead mode:* ±0.4°F (0.2°C) within 95 to 107.6°F (35 to 42°C) (ambient Temp: 59 to 95°F (15 to 35°C), ±0.5°F (0.3°C) for other range  
*surface mode:* ±0.5°F (0.3°C) within 71.6 to 108°F (22 to 42.2°C), others ±4% or ±4°F (2°C) whichever is greater
- Battery: AAA x 2 pcs (included)
- Battery life: around 3,000 continuous readings
- Expected service life: 4 years
- Blue LED backlight: automatically turned on after measurement and automatically turned off after 5 seconds
- Enclosure rating: IP22
- Dimensions: 6.22 x 1.89 x 1.6" (158.0 x 48.0 x 40.2 mm)
- Weight: 3.5 oz (100 grams) including battery



Surface Mode



Blue LED Backlight



Scan Distance ≤1.5" (4 cm)

Mastercool's non-contact infrared forehead thermometer can measure the infrared heat generated by the central forehead and surrounding tissues to accurately reflect body temperature. This thermometer also features an accurate, easy to use surface mode.

- One second measurement provides for a quick response
- Non-contact for hygiene and comfort
- Surface mode to easily monitor an object temperature
- Fever alarm detects a temperature ≥99.5°F (37.5°C) under forehead mode
- Mute function
- Blue LED backlight for dark lit conditions
- Large LCD for easy reading
- 25 sets of measurement conditions for body temperature
- Easily switch between °F and °C
- Automatic shut-off after 1 minute to prolong battery life
- Complies with ASTM E1965-98, EN ISO 80601-2-56, IEC/EN60601-1-2(EMC), IEC/EN60601-1(Safety) standards, ISO10993, RoHS

