



Mastercool®
"World Class Quality"

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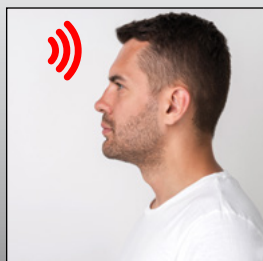
52225-MED MULTI-FUNCTION MEDICAL/SURFACE IR THERMOMETER



Surface Mode



Blue LED Backlight



Scan Distance $\leq 1.5"$ (4 cm)

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 \leq 85%
transportation temperature shall be less than 158°F (70°C), RH \leq 95%
- Atmospheric pressure: 800 to 1013 hPa
- Accuracy:
forehead mode: $\pm 0.4^\circ\text{F}$ (0.2°C) within 95 to 107.6°F (35 to 42°C)
(ambient Temp: 59 to 95°F (15 to 35°C), $\pm 0.5^\circ\text{F}$ (0.3°C) for other range
surface mode: $\pm 0.5^\circ\text{F}$ (0.3°C) within 71.6 to 108°F (22 to 42.2°C), others $\pm 4\%$ or $\pm 4^\circ\text{F}$ (2°C) whichever is greater
- Battery: AAA x 2 pcs
- 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

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.

- Once 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 $\geq 99.5^\circ\text{F}$ (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 minutes 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

