

DIGITAL INFRARED THERMOMETER MODEL NO. BE1150/BE1150A



APPLICATION

Professional hand-held non-contact Infrared Thermometer, easy to use, solid design, measurement accuracy, wide temperature range and so on. Used to measure the traditional contact thermometer the surface temperature is difficult to measure, such as: moving objects, live objects, and so difficult to reach objects. Industry or field application such as railways, electronics, heating, inspection of steel, glass, plastic, cement production process temperature, widely county uses

KEY FEATURES

- Memory storage function (up to 12 data)
- Wide Temperature range with **-50 ~ 1150°C / -58 ~ 2102°F (BE1150)**
/-18 ~ 1150°C / 0 ~ 2102°F (BE1150A)
- With D:S = **20:1 (BE1150)** / With **D:S = 50:1 (BE1150A)**, maximum distance from the target object
- Highly accurate and reliable
- Emissivity 0.10~1.00 Adjustable (Preset at 0.95)
- Spectral Response from 8~14µm
- Large clear LCD display with Backlight
- 3 levels Battery Life Indication
- Auto Power Off
- Data Store/Recall Function
- Data Hold Function
- Fast response time (0.5 seconds)
- Selectable between °C and °F
- Adjustable High / Low Temperature Alarm
- Access surface temperature in 1 second
- Maximum, Minimum, Average and Difference temperature functions
- Measure hazardous or inaccessible objects (high-voltage parts)
- Laser Target Pointer selection



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SPECIFICATIONS

- * Measuring Range: **-50 ~ 1150°C / -58 ~ 2102°F (BE1150)**/ **-18 ~ 1150°C / 0 ~ 2102°F (BE1150A)**
- * Accuracy: 0 ~ 1150°C (32~2102°F): $\pm 1.5^{\circ}\text{C}$ ($\pm 2.7^{\circ}\text{F}$) or $\pm 1.5\%$
-50 ~ 18°C (-58~32°F) : $\pm 3^{\circ}\text{C}$ ($\pm 5^{\circ}\text{F}$) whichever is greater(BE1150)/ -18 ~ 18°C (-58~32°F) : $\pm 3^{\circ}\text{C}$ ($\pm 5^{\circ}\text{F}$)(BE1150A)
- * Distance to Spot Size / D:S Ratio: **20:1(BE1150)**/ **D:S Ratio: 50:1(BE1150A)**
- * Resolution: 0.1 °C/°F
- * Repeatability: 1% of reading or 1°C
- * Response Time: 500mSec, 95% response
- * Spectral Response: 8~14 μm
- * Emissivity: User Adjustable and Preset at 0.95
- * Laser Power: <1 mW
- * Operating Environment
- * Temperature: 0~40°C (32~104°F)
- * Humidity: 10~95% R.H. non-condensing at up to 30°C (86°F)
- * Storage Temperature: -20~60°C (-4~140°F)
- * Low battery indication (3 levels) * Power: 1 x 9V Battery (included)
- * Typical Battery Life (Alkaline): 12 hours (Laser), 22 hours (non-Laser)
- * Item Size: approx. 141 x 60 x 200mm * Item Weight: approx. 270g



ACCESSORIES

- * Instruction Manual x 1pc
- * 9V battery x 1pc
- * Gift box and Plastic carrying case x 1 set

