

Product name : Digital Infrared Thermometer BE900

Model : BE900

This IR Thermometer with good precision is designed to quickly & accurately measure temperature of object's surface from -50 to 900°C or -58 to 1652°F with Laser guide. The Laser makes precise aim which increases ease and accuracy. Just aim, press the button and read the temperature in less than a second. It also has a backlight that be use to dark areas. It safely measure the surface temperature of hot, hazardous, reflective, shiny, hard-to-objects with ease.

- * Heat ventilation air-conditioning and refrigeration
- * Automotive industry
- * Electrical & power voltage/current inspection field
- * Water treatment and water quality inspection
- * Environmental monitoring
- * Marine and weather
- * Gas industry
- * Food processing industry

- * Available 12 memory groups
- * Extremely Wide Temperature range: -50~900°C or -58~1652°F
- * D:S = 12:1, maximum distance from the target object
- * missivity: 0.10~1.00 Adjustable & Preset at 0.95
- * Laser Power: <1 mW
- * Spectral Response from 8 to 14 μ m
- * Large LCD Screen w/ easy to read Instant Real-time temperature
- * 5 levels Battery Life Indication
- * Auto Power Off when idle
- * Data Hold Function
- * Access surface temperature in 1 second
- * °C & °F Selection
- * Maximum (MAX), Minimum (MIN), Average (AVG) and Difference (DIF) temperature functions
- * Adjustable High / Low Temperature Alarm
- * Fast response time (0.5 seconds), highly accurate and reliable
- * Measure hazardous or inaccessible objects (high-voltage parts)
- * Pre-Calibrated in Factory
- * Ergonomically shaped hand grip
- * Laser Target Pointer ON/OFF selection
- * Backlight ON/OFF selection
- * With CE marking, meets EU safety, health and environmental requirements

- * Temperature range: -50~900°C , -58~1652°F
- * Accuracy: 0~900°C (32~1652°F): $\pm 1.5\%$ or $\pm 1.5^\circ\text{C}$ ($\pm 2.7^\circ\text{F}$); -50~0°C (-58~32°F): $\pm 3^\circ\text{C}$ ($\pm 5^\circ\text{F}$) or $\pm 3\%$



whichever is greater

- * Resolution: 0.1°C/°F
- * Repeatability: 1% of reading or 1°C
- * Response Time: 500ms, 95% response
- * Spectral Response (Wavelength): 8-14μm
- * Emissivity: 0.95 preset; 0.10 ~ 1.00 adjustable
- * Distance to Spot Ratio (D:S): 12:1
- * Operating Environment Temperature: 0~40°C (32~104°F)
- * Humidity: 10~95%Rh non-condensing, up to 30°C (86°F)
- * Storage Temperature: -20~60°C (-4~140°F)
- * Power Supply: 9V battery
- * Typical Battery Life (Alkaline): 22 hours (Non-Laser Mode), 12 hours (Laser Mode)
- * Dimension: 175*100*49mm
- * Weight: approx. 220g

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