

## DIGITAL INFRARED THERMOMETER MODEL NO. BE2200



### APPLICATION

The Professional Digital Infrared Thermometer is a reliable device used for measuring temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly. Just aim the Laser Point, press the button, and read the temperature in less than a second. It makes aiming even more precise.

- \* Heat ventilation air-conditioning and refrigeration
- \* Automotive industry
- \* Food preparation
- \* Horticulture
- \* Construction, mechanics and hot spots
- \* Electrical & power voltage/current inspection field
- \* Water treatment and water quality inspection
- \* Environmental monitoring
- \* Marine and weather
- \* Gas industry
- \* Food processing industry

### KEY FEATURES

- Memory storage function
- Wide Temperature range with 200~ 2200°C / 392 ~ 3992°F
- With D:S = 80:1, maximum distance from the target object
- RS-232 Interface connect to computer
- Highly accurate and reliable
- Emissivity 0.10~1.00 Adjustable (Preset at 0.95)
- Spectral Response from 900-1700nm
- Large clear LCD display with Backlight
- 3 levels Battery Life Indication
- Auto Power Off
- Data Store/Recall Function
- Data Hold Function
- Access surface temperature in 1 second
- Selectable between °C and °F
- Adjustable High / Low Temperature Alarm
- Fast response time (0.5 seconds)
- 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: 200~ 2200°C / 392~ 3992°F
- \* Accuracy:200~ 2200°C (392~3992°F) :  $\pm 1.5^{\circ}\text{C}$  ( $\pm 2.7^{\circ}\text{F}$ ) or  $\pm 1.5\%$
- \* Distance to Spot Size / D:S Ratio: 80:1
- \* Resolution: 0.1 °C/°F
- \* Repeatability: 1% of reading or 1°C
- \* Response Time: 500mSec, 95% response
- \* Wavelength:900-1700nm
- \* Emissivity: 0.10-1.00 adjustable
- \* Laser Power: <1 mW
- \* RS232 Recall
- \* MAX/MIN/AVG/DIF reading
- \* High/Low temperature alarm setup
- \* 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

- \* 9V battery x 1pc
- \* Software x 1pc
- \* RS-232 connect cable x 1pc
- \* Instruction Manual
- \* Gift box and Carrying case

## **BESTONE INDUSTRIAL LTD.**

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