

BESANTEK IR Thermometer is designed to be practical for quick measurements up close or at a distance with non-contact temperature measurements.

## Features:

- Rapid detection function
- Precise non-contact measurements
- Dual laser sighting
- Automatic Data Hold
- C / °F switch
- Trigger lock
- MAX temperature displays
- Backlight LCD display
- Set high and low alarms
- Unique flat surface, modern housing design
- Automatic selection range and Display Resolution
- Emissivity Digitally adjustable from 0.10 to 1.0
- Automatic selection range and Display Resolution 0.1°C(0.1°F)



**BST-NT17+**

## Technical Specification:

| BST-NT17+  |   |
|--|---|
| Temperature Range  | -50°C~1000°C (-58°F~1832°F)   |
| Accuracy<br>(Assumes ambient operating temperature of 23 -25°C (73- 77°F)) | -50 - 20°C(-58 - 68°F) ±2.5°C (±4.5°F)<br>20 - 300°C(58 - 572°F) ±1.0% ± 1.0°C (±1.8°F)<br>300 - 1000°C(572 - 1832°F) ±1.5% |
| Resolution   | 0.1°C (0.1°F)   |
| Repeatability  | -50-20 °C (-58-68°F) : ±1.3°C (2.3°F)<br>20-1000 °C (68-1832°F) : ±0.5% or ±0.5°C (0.9°F)                                   |
| Distance to Spot Size  | 12:1  |
| Response Time  | 150ms   |
| Spectral Response  | 8µm~14µm  |
| Laser Type   | Class 2 (II)  |
| Laser Power  | <1mW  |
| Laser Wavelength   | 630nm~670nm   |
| Display Hold   | 7 seconds   |
| Emissivity   | 0.10 ~ 1.0 Adjustable   |
| Power Source   | 9V battery x 1  |
| Operating Temp.  | 0 - 50°C (32-122°F)   |
| Accessories  | Soft Pouch, Battery, User Manual.   |

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## Ordering Information:

- BST-NT17+: IR Thermometer -50°C ~ 1000°C.