WATERPROOF TYPE
PALM-SIZED INFRARED THERMOMETER
MODEL IR-TE

Washable!!!
Non-contact temperature measurement
in one second!!!

Model IR-TE palm-sized infrared thermometer is designed to measure the surface temperature of objects without making contact with them. The built-in laser sighting pinpoints the center of the area being measured on the target.

■ FEATURES
- Conforms to IP67 (dustproof and waterproof) and washable.
- ABS resin housing with sanitary specification – fits in your safety program.
- Shockproof construction
- Auto power-off function for saving battery life
- Wide temperature range of -40 to 300°C (-40 to 572°F) - °C/°F selectable
- Palm sized and lightweight – easy to use in your hand and easy to carry or store away
- Traceability certificate available upon request (sold separately)
# SPECIFICATIONS

Temperature range: -40 to 300ºC / -40 to 572ºF selectable
Accuracy rating: ±1% ± 1 digit or ±2ºC (±4ºF) ± 1 digit, whichever is larger

--- For 0 to 300ºC (32 to 572ºF)

±3ºC (±6ºF) ---- for -30 to 0ºC (-22 to 32ºF)
±5ºC (±10ºF) ---- for less than -30ºC (-22ºF)

At ambient temperature of 25 ± 2ºC (77 ± 4ºF) and ε=1.0

Repeatability: Within 1ºC (2ºF) ± 1 digit
Response time: 1 second (90% response)
Targeting: Center of measuring spot is marked by laser beam.
(Laser: 650nm, less than 1mW, JIS class 2)
Display: Reflection type LCD, 3 digits
Display resolution: 0.5ºC (1ºF) for -20 to 100ºC (–4 to 212ºF)
1ºC (2ºF) ---- except the above range
Auto power off: After 30 seconds when no key is operated
Emissivity: 0.95 (default)

0.8 to 1.0 adjustable by internal switch (0.05 increments)
Working temperature: 0 to 50ºC (32 to 122ºF)
Working humidity: 90%RH or less (no dew condensation)
Storage temperature: -20 to 55ºC (–4 to 131ºF) (no dew condensation)
For long time storage, removing of batteries is required.
Battery: Alkaline AAA, 2 pieces
Battery life: About 10 hours continuous operation
Casing: ABS resin (anti-bacteria)
Weight: 123g (including batteries)

Standards: CE (EN61326-1 Annex C – Portable instrument)
Sealing: IP67 (waterproof and dustproof)

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# DISTANCE AND DIAMETER

![Distance and Diameter Diagram]

# DIMENSIONS

![Dimensions Diagram]

Unit: mm

Specifications subject to change without notice. Printed in Japan (I) 2002.1