The model IR-TE2 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 size and lightweight – easy to use in your hand and easy to carry or store away
- Traceability certificate available upon request (sold separately)

### Food Temperature Control

- Food Ingredients Incoming Inspection
- Food Processing
- Frozen Food Display

### Difficult Temperature Measuring Points

- Distribution Panel Inspection
- Rotating Objects
- Factory, Plants
- Civil Engineering and Construction
- Small Places Which is Hard to Reach
SPECIFICATIONS

Temperature range: -40 to 300°C / -40 to 572°F selectable

Accuracy rating: ±1% ± 1 digit or ±2°C (±4°F) ± 1 digit, whichever is larger

- For 0 to 300°C (32 to 572°F)
- ±3°C (±6°F) ± 1 digit ---- for -30 to 0°C (-22 to 32°F)
- ±5°C (±10°F) ± 1 digit ---- for less than -30°C (-22°F)

At ambient temperature of 25 ± 2°C (77 ± 4°F) and e=1.0

Repeatability: Within 1°C (2°F) ± 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: 0.5°C (1°F) for -20 to 100°C (–4 to 212°F)
1°C (2°F) ---- except the above range

Auto power off: After 30 seconds of no key operation

Emissivity: 0.95 (default)

0.8 to 1.0 adjustable by internal switch (0.05 increments)

Working temperature: 0 to 50°C (32 to 122°F)

Working humidity: 90%RH or less (no dew condensation)

Storage temperature: -20 to 55°C (-4 to 131°F) (no dew condensation)

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)

DISTANCE AND DIAMETER

DIMENSIONS

Specifications subject to change without notice. Printed in Japan (I) 2014. 2