



ICI's Temperature Reference source features a large 78 mm x 78 mm (3.07" x 3.07") isothermal target specially designed to measure between 30 °C to 45 °C (86°F to 113 °F). It is highly accurate making it a perfect temperature reference for non-contact calibration and associated applications. Our instruments include a calibration certificate that is traceable via international agreement to all major national standard bodies, including the NIST.

Features

- Large target area
- Exceptional accuracy
- Calibration for new thermal instruments
- Re-calibration for old devices

Specifications

- **Temperature Range:** 30 °C to 45 °C (86°F to 113 °F)
- **Operation Range:** 0 °C to 30 °C (32 °F to 86 °F)
- **Storage Range:** -40 °C to 70 °C (-40 °F to 158 °F)
- **Accuracy:** ± 0.2 °C @ 100 °C (0.36 °F @ 212 °F)
- **Stability:** ± 0.1 °C @ 100 °C to ± 0.2 °C @ 100 °C (± 0.18 °F @ 212 °F to ± 0.36 °F @ 212 °F)
- **Target Size:**
3.07" x 3.07" ± 0.02" (78 mm x 78 mm ± 0.5 mm)
- **Resolution:** 0.1 °C (0.18 °F)
- **Emissivity:** 0.97 ± 0.02
- **Power:** 110V AC (± 10 %), 50 Hz
- **Dimensions:**
240 mm x 110 mm x 150 mm (L x W x H ± 0.5 mm)
(7.67" x 5.90" x 4.33" (L x W x H ± 0.02"))
- **Weight:** < 2000 g (4.4 lbs)
- **Humidity:** < 60%, relative

Calibration for:

- Infrared instruments
- Point radiometers
- Infrared thermometers
- Non-contact digital thermometers
- Temperature guns
- Laser thermometers
- Infrared cameras
- Thermal cameras
- Non-contact radiometric devices

Accessories

- AC power cable
- Calibration certificate



Temperature Reference Source MD

THIS DEVICE IS INTENDED FOR ADJUNCTIVE USE WITH OTHER CLINICAL DIAGNOSTIC PROCEDURES TO MEASURE HUMAN BODY TEMPERATURE VIA NON-CONTACT SKIN MEASUREMENTS VISUALIZED FROM THE HUMAN FACE. NOT MEANT FOR STANDALONE CLINICAL DIAGNOSTIC PROCEDURES OR TO TREAT OR DIAGNOSE PATIENTS.