

HI-1600 MICROWAVE OVEN SURVEY METER

ETS-Lindgren's Model HI-1600 Microwave Meter measures microwave leakage from microwave devices operating at 2450 MHz or 915 MHz.



ETS-Lindgren's Model HI-1600 Microwave Meter is a microwave oven survey meter used to measure microwave oven radiation leakage from microwave ovens operating at 2450 MHz or 915 MHz. This survey meter portability for use by microwave oven manufacturers, service technicians, regulatory agencies and public health officials. Three survey ranges are incorporated into a switching sequence that includes positions for battery and probe checks.

Key Features

- Calibrated at 915 MHz and 2450 MHz
- Three Ranges
 - 2450 MHz: 1 to 10 mW/cm² Scale
 - 915 MHz: 1 to 10 mW/cm² Scale
 - 915 MHz: 2 to 20 mW/cm² Scale

Specifications

Electrical Specifications

Frequency Response: 915 and 2450 MHz (Switch Selectable) **Range:**

- 2450 MHz: 1 to 10 mW/cm²
- 915 MHz: 1 to 10 mW/cm²
- 915 MHz: 2 to 20 mW/cm²

Maximum Power Density: 2.0 W/cm²

Response Time (To 90% of Final Value for a Step Input): Fast: < 1 Second; Slow: <3 Seconds

Physical Specifications

Cable Length: 1.2 m (3.94 ft)

Probe Length: 30 cm (11.81 in)

Shipping Weight: 2.3 kg (5 lb)

Other Specifications

- Microwave Oven Survey Meter
- Carrying Case
- User Manual
- Calibration Certificate

