

# PROBES & MONITORS HI-1600 MICROWAVE OVEN SURVEY METER



**ETS-Lindgren's HI-1600 Microwave Oven Survey 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 is designed 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.

### Standard Configuration

- Microwave Oven Survey Meter
- Carrying Case
- User Manual
- Calibration Certificate
- Plastic Beaker. 600 ml

### HI-1600 MICROWAVE OVEN SURVEY METER

- Calibrated at 915 MHz and 2450 MHz
- Three Ranges
  - 2450 MHz: 1 to 10 mW/cm<sup>2</sup>
  - 915 MHz: 1 to 10 mW/cm<sup>2</sup>
  - 915 MHz: 2 to 20 mW/cm<sup>2</sup>

### Technical Specifications

Electrical	
Frequency Response	915 MHz & 2450 MHz
Range	2450 MHz: 1-10 mW/cm <sup>2</sup> 915 MHz : 1-10, 2-20 mW/cm <sup>2</sup>
Accuracy	± 2 dB
Response Time	Fast Mode: <1 second Slow Mode: <3 seconds
Overload Withstand	2.0 W/cm <sup>2</sup>
Physical	
Readout Dimensions (W x H x D)	8.9 cm x15.3 cm x 6.4 cm (3.5 in x 6 in x 2.5 in)
Probe Length	30 cm (12 in)
Probe Cable Length	1.2 m (3.94 ft.)