

## METERS HI-3702 Induced Current Meter

ETS-Lindgren's Model HI-3702 Clamp-on Induced Current Meter measures RF induced body currents using a clamp-on current sensor, sized for a comfortable fit to ankles or arms. This design allows measurements to be taken while walking or climbing.



ETS-Lindgren's Model HI-3702 Clamp-on Induced Current Meter measures RF induced body currents using a clamp-on current sensor, sized for a comfortable fit to ankles or arms. This design allows measurements to be taken while walking or climbing. The HI-3702 uses fiber optic technology to eliminate perturbations of the field, and a thermally-based true RMS-DC converter circuit improves measurement accuracy.

The frequency response from 9 kHz to 70 MHz covers the major part of ANSI/IEEE C95.1-1999 frequency range. The 2 to 1000 mA range covers the full C95.1 requirement with 10X over range capability for extreme measurement situations. The HI-3702 also meets the ENV 501662 European Pre-standard for Human Exposure to EMF.

### Key Features

- Wide Frequency Response (9 kHz to 70 MHz)
- Eliminates Concern Over Foot Contact and Body Orientation
- Monitors Induced Current While Standing, Walking, or Climbing
- Thermally Based True RMS Converter Circuit for Increased Accuracy

### Specifications

#### Electrical Specifications

**Dynamic Range:** 2 to 1000 mA

**Frequency Response:** 9 kHz to 70 MHz

#### Physical Specifications

**Weight Sensor:** 2.25 kg (5 lb)

**Readout:** 0.45 kg (1 lb)

**Battery Charger:** For NiCad battery in Sensor and Readout

## Other Specifications

---

- HI-4416 Digital Remote Readout
  - 2 m (6.56 ft) Fiber Optic Cable
  - Custom Fitted Carrying Case
  - Battery Charger
  - User Manual
  - Calibration Certificate
-