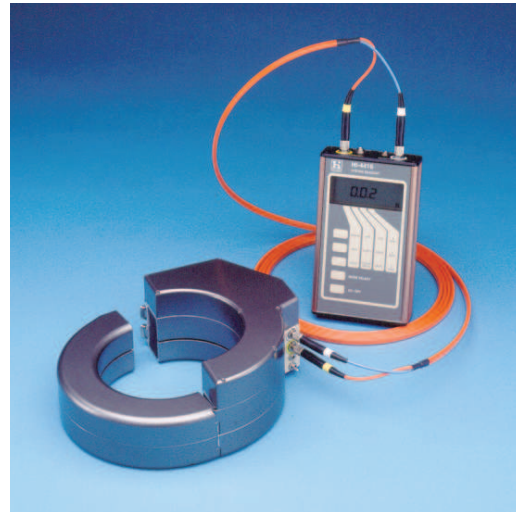


*EMF Probes*  
**Clamp-On Induced  
Current Meter**

Model HI-3702

**FEATURES:**

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



*ETS-Lindgren's Model HI-3702  
Clamp-on Induced Current Meter*

**ETS-Lindgren's 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 milliamps range covers the full C95.1 require-

ment with 10X overage capability for extreme measurement situations. The HI-3702 also meets the ENV 501662 European Prestandard for Human Exposure to EMF.

**STANDARD CONFIGURATION**

- HI-4416 Numeric Remote Readout
- Fiber Optic Cable (2m)
- Battery Charger
- Custom Fitted Carrying Case
- User Manual

**OPTIONS**

- Extended Length Fiber Cable (to 100m)
- Belt-Pack Readout/Control Unit Case
- HI-4413P RS-232 Fiber Optic Modem

*EMF Probes*  
**Clamp-on Induced  
Current Meter**

Model HI-3702

## Electrical Specifications

MODEL #	FREQUENCY	FREQUENCY RANGE	DYNAMIC RESPONSE	POWER SUPPLY	BATTERY LIFE SUPPLY	CHARGER (TYPICAL)
HI-3702	9 kHz - 70 MHz	9 kHz to 70 MHz, $\pm 2.0$ dB	2 - 1000 mA	Rechargeable NiCad Battery in Sensor and Readout	10 Hours	2 Hour Fast Charger (120/240 VAC, 50/60 Hz)

## Physical Specifications

### WEIGHT

Sensor: 2.25 kg (5 lbs.)  
Readout: 0.45 kg (1 lb.)