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 requirement 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

**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
EMF Probes
Clamp-on Induced Current Meter
Model HI-3702

Electrical Specifications

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>FREQUENCY</th>
<th>FREQUENCY RANGE</th>
<th>DYNAMIC RESPONSE</th>
<th>POWER SUPPLY</th>
<th>BATTERY LIFE</th>
<th>CHARGER (TYPICAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI-3702</td>
<td>9 kHz - 70 MHz</td>
<td>9 kHz to 70 MHz, ±2.0 dB</td>
<td>2 - 1000 mA</td>
<td>Rechargeable NiCad Battery in Sensor and Readout</td>
<td>10 Hours</td>
<td>2 Hour Fast Charger (120/240 VAC, 50/60 Hz)</td>
</tr>
</tbody>
</table>

Physical Specifications

WEIGHT

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