

Clamp-On Induced Current Meter

Features

- Wide Frequency Response (9 kHz - 120 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



High Quality Meter for Measuring Induced Currents

The HI-3702 Numeric Readout 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 9kHz to 110 MHz covers the major part of ANSI/IEEE C95.1-1999 frequency range. The 3 to 1000 milliamps range covers the full C95.1 requirement with 10X overrange capability for extreme measurement situations. The HI-3702 also meets the ENV 501662 European Prestandard for Human Exposure to EMF.

Specifications

Frequency Response:	9 kHz-110 MHz, $\pm 2.0\text{dB}$
Dynamic Range:	2-1000 mA
Weight:	Sensor: 2.25 kg (5 lbs.)
	Readout: 0.45 kg (1 lb.)
Power Supply:	Rechargeable NiCad battery in Sensor and Readout
Battery Life (typical):	10 Hours
Charger:	1 Hour Fast Charger
	(120/240 VAC, 50/60 Hz)

Standard Accessories

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

Optional Accessories

HI-4460 Graphical Display (data logging capability)
Extended length options cable (to 300 m)
Belt-Pack Readout/Control Unit Case
HI-4413P RS-232 Serial Communication Adapter

USA

Tel +1.512.531.6400
Fax +1.512.531.6500

Finland

Tel +358.2.8383.300
Fax +358.2.8651.233

UK

Tel +44.1438.730.700
Fax +44.1438.730.751

France

Tel +33.1.48.65.34.03
Fax +33.1.48.65.43.69

China

Tel +8610.8275.5086
Fax +8610.8275.5537

Japan

Tel +81.3.3813.7100
Fax +81.3.3813.8068