



# Holaday HI-3002

## System Characteristics

- Full-time automatic zero! Even while performing measurements.
  - Peak hold memory circuit.
  - LED indicators for overload and battery status.
  - Audio output, ticking sound is proportional to meter.
  - Recorder output, 0 to 1 volt corresponding to meter reading.
  - Instrumentation readout is in field strength units squared.
  - Operates on 14 C size batteries.
  - Size: 200 x 130 x 123 mm.
  - Weight: 3kg.
  - Total length of probe and handle with probe inserted is 762 mm.
  - Overload: Can withstand CW signal to 800% of full scale of maximum probe range.
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## E-Field Probe Specifications

- Range 1:  $10^4 V^2$  per  $M^2$  Full scale.
- Range 2:  $10^5 V^2$  per  $M^2$  Full scale.
- Range 3:  $10^6 V^2$  per  $M^2$  Full scale.
- Range 4:  $10^7 V^2$  per  $M^2$  Full scale.

## Frequency Response

0.5 MHz to 6 GHz : +/-2db.  
1 MHz to 1 GHz : +/-1dB.  
3 MHz to 500 MHz : +/-0.5dB.

Isotropy: +/-0.5%dB.

Calibration accuracy at calibration frequencies: +/-0.5dB.

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## H-Field probe Specifications

- Range 1:  $0.1 A^2$  per  $M^2$  Full scale.
- Range 2:  $1.0 A^2$  per  $M^2$  Full scale.
- Range 3:  $10 A^2$  per  $M^2$  Full scale.
- Range 4:  $100 A^2$  per  $M^2$  Full scale.

## Frequency Response

5 MHz to 300 MHz : +/-2db.  
10 MHz to 200 MHz : +/-1dB.

Isotropy: +/-0.5%dB.

Calibration accuracy at calibration frequencies: +/-0.5dB.