

# COMBINATION METERS

## DIGITAL COMBINATION METER

1-Axis Electric and Magnetic Field Meter



Has Sound

The Digital Combination Meter boasts several distinct advantages for a meter in this price range:

- Wide frequency response: very flat (1 dB) from 16 Hz to 2000 Hz; useful from 5 Hz to 7000 Hz
- Tremendous Sensitivity & Range:
  - Electric: 1-2000 V/m
  - Magnetic: 1-2000 nT (0.01-20 mG)
- Accuracy:  $\pm 2\% \pm 20$  digits
- Simple to operate, easy to read.
- Audio tone resembles a Geiger counter



Perfect for home, student, or researcher. Uses a standard 9V battery, included. 2 yr wty.

### Digital Combination Meter

(Cat. #R480) ..... \$149.00

### Extended Frequency Digital Combination

Meter (Cat. #R486) ..... \$179.00

Covers 16 Hz to 100kHz (Model ME3830B)

## MAG-TEMP METER (Me1-8704R®)

Simultaneous EMF and Temperature Readout with Illuminated RED Display

When you need to measure EMF and temperature, you need one hand operation that gives you a wealth of information, and lots of options.



Mag-Temp offers both single axis AC Magnetic field measurement and real time air temperature readings. Display illumination is RED, so it doesn't saturate your eyes when working in dark areas. Red flashlight is built-in. Readout in mG or  $\mu$ T, °F or °C. High resolution and fast response. Basic 1 inch K-Type thermocouple is included and it can be used with a variety of commercially available thermocouple probes for extended temperature ranges.

### Additional features:

- o Max/Min/Peak/Hold
- o EMF Bandwidth: **30-300 Hz**
- o 3 EMF Ranges: **200 mG (0.1 mG resolution), 2000 mG, 20,000 mG**
- o Temp: -40 to 482 °F (0.1° resolution)
- o Backlight can be on or off
- o 9V battery powered

(Cat. #R105R) ..... \$109.90

## PROFESSIONAL COMBINATION METER

Professional Quality & Versatility

This meter meets all TCO requirements for AC Electric Field and Magnetic Field measurements.

Tremendous sensitivity and highly linear over 4 select-able frequency ranges which allows for determination of ELF vs. VLF readings, ultra-low frequencies down to 5 Hz, and a special filter for 16 Hz typically associated with electric trains.



Has Sound

Includes both an AC voltage output (to analyze frequency information or use a headset to hear the corresponding audio frequencies) and a DC output (for long term monitoring with a recording device), Geiger counter style audio output, auto power off, and integrated battery check.

	AC Magnetic	AC Electric
Range 1	0-200 nT (2 mG)	0-200 V/m
Resolution 1	0.1 nT (0.001 mG)	0.1 V/m
Range 2	0-2000 nT (20 mG)	0-2000 V/m
Resolution 2	1 nT (0.01 mG)	1 V/m
Accuracy	$\pm 2\%$	$\pm 2\%$

### Frequency choices:

- 5 Hz - 100 kHz (full bandwidth)
- 16 Hz (electric trains)
- 50 Hz - 100 kHz (ELF + VLF)
- 2 kHz - 100 kHz (VLF only)

### Single axis.

3½ digit LCD display.

Power consumption: 15-20 mA.

Includes 8 hour rechargeable 9V battery, AC power supply/charger, and ground cord. 2 year warranty.

### Professional Combination Meter

(Cat. #R482) ..... \$397.00

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