

MORE UNIQUE METERS

VLF RECEIVER

Hear VLF Signals in your Vicinity!

VLF signals (kHz range) occur naturally and can be produced by lightning, solar flares, and aurora. They can also be man-made, emitting from smart meters, solar power inverters, dimmer switches, motors, and fluorescent lights.



Use this portable VLF band radio to listen to the natural sounds of the earth. Lightning, whistlers, twinks and auroral chorus can be heard from more than 3200km on the built-in speaker or by using the included ear buds. Sounds can be recorded to a computer for analysis & future playback. Perfect for storm chasers, researchers and para-normal investigators. It's like a buzz stick for dirty electricity as well.

Covers **600 Hz to 35 kHz**, very intuitive and extremely simple to use. Great for demonstrating the benefits of dirty electricity filters. There is nothing else like it!

(Cat. #R410) \$199.95

FREQUENCY GENERATOR

Make some waves!

Need a source of 20 Hz to 150 kHz frequencies? Handy little unit fits in your shirt pocket and is very simple to operate. Produces nice clean sine waves (adjustable intensity up to 1.2V RMS) or square waves (p to 8V p-p) with 5% frequency accuracy. Simply dial in the desired frequency. Uses 9V battery (50 hrs typical use). Includes low battery indicator, test leads and 9V battery.



Check the response of your gaussmeter to various frequencies (connect the Frequency Generator to the Degaussing Coil to generate several mG fields at various frequencies), test your frequency counter, connect to a speaker/headphones to test your hearing range! Also great for field/bench service of audio equipment, car stereo, etc. Bargain price!

Specifications:

Generator frequency	20Hz~150KHz in 46 steps ± 0.5 dB
Sine wave output	1.2V RMS minimum in 600 Ω $\leq 0.05\%$ (200Hz~15KHz) 0.1% (50Hz~30KHz) $\leq 0.3\%$ (20Hz~100KHz)
Square wave output	8V p-p max. (no load)
Rise/fall time	$\leq 0.5\mu$ sec
Overshoot	< 2%
Duty ratio	50% $\pm 5\%$
Output impedance	1 KOhm
Dimensions	3 3/8" (W) x 6" (H) x 1" (D)

(Cat. #R423) \$74.95

SURFACE RESISTIVITY & GROUND TEST METER

Shielding fabrics, paints, and plastics will usually have a conductive surface. Conductivity is important for joining shields, connecting ground cords, and determining if the material will be good for Earthing. Testing with an Ohmmeter is tricky because it only makes contact at a point. You might by chance pick a point with is conductive, or not... and get inaccurate results. This handy meter uses two parallel 2" conductive rods, mounted right on the back of the meter to make solid contact with the surface you are testing. Just turn the meter on and press it against the surface. Large LCD display shows Resistivity in Ohms (the *opposite* of conductivity). Ranging from 10^3 (very conductive) to 10^{12} (insulative). Display also says one of the following: CONDUCTIVE, STATIC DISSIPATIVE, INSULATIVE, so there is no question about what the numbers mean.



It includes a ground cord and can also measure the resistance to ground. If that is not enough it has a built in thermometer which reads in °F or °C. Includes backlight, HOLD feature, and one 9V battery. That's a lot packed into one simple device. Manual and display in English. **Surface Resistivity & Ground Test Meter (Cat. #R115) \$49.95**

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