

RF METERS FOR DIGITAL SIGNALS

ACOUSTIMETER *Self Contained and Packed with Features*

The Acoustimeter has been designed to enable you to make a quick and informed judgment regarding the level and nature of microwave signals in your environment. It is a broadband instrument that accurately measures the totality of the radiation in the range **200 MHz to about 8000 MHz** (8 GHz), which covers the frequencies used by most modern communication systems encountered in our everyday environment. The readings are shown on both an LCD display and two series of graduated LED lights. The LEDs update rapidly, and allow you to quickly gauge the levels in an area and find any hot-spots. The LCD display offers high accuracy with a lower update speed, giving you time to take note of the readings. It also has a speaker (and audio output socket for headphones or to feed to an audio recorder), allowing you to determine, with a small amount of practice, what type of device is creating the levels that are present. The sounds made by different transmitters can change with time, so these are meant as a rough guide only. The internal PCB antenna is at the top rear of the case. Signals are best measured with the source behind the instrument, but also quite good with the source to one or other side (particularly the left side away from the switches and volume control). It reads low if the source is in front of the meter as the LCD display acts as an RF screen. 2 yr mfr wty.



Technical specifications

Two line LCD displaying actual levels:

- » Peak exposure levels in V/m
- » Peak hold levels in V/m
- » Average exposure levels in $\mu\text{W}/\text{m}^2$

Two lines of LEDS displaying actual levels:

- » Peak exposure levels in V/m
- » Average exposure levels in $\mu\text{W}/\text{m}^2$

Measurement range: 200 - 8000 MHz ± 3 dB

Sensitivity* (Peak Display): **0.02 V/m - 6.00 V/m**

Sensitivity* (Average Display): 1 $\mu\text{W}/\text{m}^2$ - 100,000 $\mu\text{W}/\text{m}^2$

Pulsing signal may be heard through the internal speaker

Power source: 2x AA Alkaline or Rechargeable (1.2 - 1.5V)

Power draw: 105 mA at 3 V

Battery life: 15 hours

Size (mm): 190 x 102 x 33 (LxWxD); Weight: 280g, excluding batteries

Acoustimeter (Cat. #R139) \$399.95



Has Sound



ACOUSTICOM2 *Simplicity without Compromise*

A reliable RF meter with an economy price. Great for checking radiowaves from smart meters, wi-fi, cellphones and towers, and just about every RF source you are likely to encounter at home or in the office. Covers an **amazing 200 - 8000 MHz** with $\pm 6\text{dB}$ accuracy. 8 LED light bar indicates field strength in V/m so it is very easy to interpret and has a very fast reaction time. Best of all, it has a dual sound feature which you can turn off if you want: Demodulated sounds allow you to hear intensity, and with a small amount of practice, what type of device is creating the microwave signal. Plus, an "alarm" sounder which emits a pulsing

warning at higher exposure levels. The internal antenna is at the upper back of the case. Signals are best measured when the source is behind the instrument. Uses one 9V battery, included.

- Sensitivity (Peak Display): 0.01 - 6.00 volts per meter (V/m)
0.01 0.02 0.05 0.1 0.3 1.0 3.0 6.0 V/m; (0.5 to 100,000 $\mu\text{W}/\text{m}^2$)
- Power draw: 40 to 90 mA (depends on the sound volume)
- Battery life: Up to 10 hours continuous with normal alkaline battery
- Size (mm): 110 x 63 x 21 (LxWxD); Weight: 140g incl. battery

Acousticom2 (Cat. #R140) \$199.95

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