

RF METERS FOR DIGITAL SIGNALS



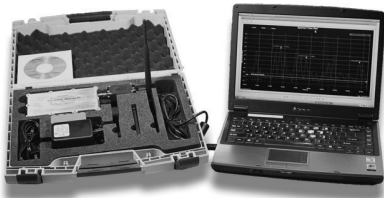
SafeOne™ *Industrial Grade Personal RF Monitor & Alarm*
 Monitors the strength of radiofrequency radiation from mobile phone towers, microwave ovens, wi-fi, heat sealers, RF welders, radio and television installations, high frequency welders, and other common RF sources between **10 and 10,000 MHz**. Covers the range of **0.1 – 10 mW/cm²**. Satisfies the requirement for essential RF safety equipment in complying with FCC, OSHA, and other safe workplace requirements. **Audio and clear visual warnings indicate when the IEEE and ICNIRP limits are exceeded.** Also gives an approximate value of RF strength to help you determine how long you can stay in the radiation field. Extremely convenient to wear and easy to use, the size of a cell phone and weighs only 3 ounces!

Can be worn on the belt with the supplied belt clip. It should not be used with a conductive RF protective suit. To use **SafeOne™**, simply insert two AAA alkaline batteries, perform a functional test, and set desired alarm parameters. A self-test function happens whenever the monitor is turned on. No need to worry about the battery life - batteries can last over 500 days!

Two alarm modes: "General Public" (default) or "Occupational" levels (as defined by the standards of the IEEE and ICNIRP) for your convenience. The chosen level is indicated by a lighted bar on the display bargraph. Press the SELECT button, to choose from 3 different RF safety alarm functions:

- **Normal (one beep):** both audible and visual warning when alarm limit is exceeded.
- **Timer (two beeps):** visual warning when alarm limit is exceeded. After approximately 5 minutes **SafeOne™** will beep and return to normal position.
- **Silent (three beeps):** only gives visual warning when alarm limit is exceeded.

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|--|----------------------|------------------------|----------------------|
| Frequency profile: | ICNIRP - IEEE | Dimensions: | 2.3 x 4.2 x 0.9 inch |
| Abs. accuracy: | 400- 2500 MHz ± 6 dB | Weight with batteries: | 3oz (88 grams) |
| Audio alarm intensity: | 80 dBa | Oper. temperature: | 10 to 104°F |
| SafeOne (Cat. #D136) \$595.00 | | | |



INVISIBLE WAVES

PC Based RF Spectrum Analyzer

When you need to know what frequencies are present, *and which are absent*, you need a spectrum analyzer. When you need to monitor **9KHz - 3.5GHz**, you need *this* spectrum analyzer. Just load the included software into your PC or laptop, and begin monitoring, datalogging, and understanding your RF environment. The perfect tool for:

*Site Surveys • Frequency Selections • Shielding Performance • Antenna placement
 Interference Abatement • Dead Spot Identification • Frequency Coordination*

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|---------------------------|----------------------|---------------------|----------------------------|
| Frequency Range: | 9KHz - 3.5GHz | Antenna Interface: | 50 Ohm SMA |
| Level Range (typical): | -130dbm to 0dbm | Accuracy (typical): | +/- 3dB |
| Filter Bandwidth: | 1KHz - 50MHz | Battery: | Full Charge 4-7 hours |
| 10PPM Frequency Stability | | Requires PC: | Windows 2000, XP, or Vista |

Invisible Waves (Cat. #D135) \$1895.00 (PC not included)

See full specifications online at www.lessemf.com/rf.html#135

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