

## SafeOne™ Personal RF Monitor

- Alerts to Hazardous RF Exposures
- Meets FCC, OSHA, and WHO Guidelines
- Visual and Audio Alarms
- Wide Radio Frequency Range
- Rugged, Professional Construction
- Best Value Pricing

**SafeOne™** is an effective and economical means to monitor the strength of electromagnetic (RF) fields from mobile phone towers, microwave ovens, radio and television installations, high frequency welders, and other common workplace RF sources between 10 and 10,000 MHz. The Personal RF Monitor is an important tool in complying with FCC, OSHA, and other safe workplace requirements.

**SafeOne™** gives you audio and visual warning when the IEEE and ICNIRP limit is exceeded on your body. It immediately alerts you to high frequency radiation fields that could be a health hazard. **SafeOne™** 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 use, the **SafeOne™** is the size of a cell phone and weighs under 3 ounces! It's smaller and much lighter than competing units!

### Wearing Your Monitor

The **SafeOne™** should be worn on the belt with the supplied belt clip, or clipped to a harness in the optional carry pouch. Position the Personal Monitor clear of metallic objects, such as a tool pouch. The **SafeOne™** should not be used with an RF protective suit.

### Preparation for Use

To start using **SafeOne™**, simply unscrew the battery cover on the back and insert two AAA alkaline batteries, perform a functional test, and set desired alarm parameters. No need to worry about the batteries - **SafeOne™** batteries last over 500 hours!

The monitor incorporates a self-test function to be used whenever the monitor is turned on.

### Interpreting Your Monitor

The **SafeOne™** uses a simple set of audible and visual alarms to alert you to dangerous radio frequency (RF) fields. Those alarms can be set for your convenience.



When **SafeOne™** gives an alarm, it means that your RF exposure may be above FCC, OSHA, or ICNIRP limits. When this occurs, you should leave the area and proceed in accordance with your company's RF safety plan or consult the appropriate workplace authority.

### Maintaining Your Monitor

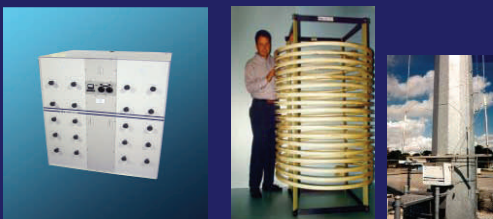
No routine maintenance is needed to keep your **SafeOne™** in good order! Just take common sense measures to keep it clean, dry, and secure.

Calibration services are available.

### Specifications

Frequency range:	10–10000MHz
Frequency profile:	ICNIRP-IEEE
Abs. accuracy:	400-2500MHz ±6dB
Indicated power:	0.1–10mW/cm <sup>2</sup>
Ind. field strength:	19–137 V/m
Dynamic range:	>30 dB
Audio alarm intensity:	80dBa
Timed sleep mode:	5minutes
Power supply:	3 Volts (2xAAA)
Battery life, w/o audio alarm:	+500 days
EMI/RFI:	EN55022/B
Dimensions:	inch 2.3 x 4.2 x 0.9
W x H x D	mm 58 x 105 x 23
Weight with batteries:	3oz (88grams)
Operating temperature:	10 to 104°F
	-10 to +40 °C

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