

RADIOACTIVITY METERS

MONITOR 4

Detects Alpha, Beta, Gamma, and X-rays

Features easy to read analog meter, red light count, anti-saturation circuitry, and audible indicator... all in hand-held convenience. Great for checking your VDTs and TVs for soft X-ray radiation, and for determining background radiation (radon, solar flares, natural radioactivity, etc.) Uses a halogen quenched Geiger Mueller tube with a thin mica window. Detects alpha down to 2.5 MeV, 80+% efficiency at 3.6 MeV. Detects beta at 50 keV with 35% efficiency, and 150 keV with 75% efficiency. Detects gamma and X-ray down to 10 keV. Range: **0.02 - 50 mR/hr, 0 - 50,000 CPM**. Requires 9V battery. 1 year mfr wty. Made in USA.



(Cat. #D196) **\$310.00**

New! Now also available with metric units calibration. Readout in MicroSieverts/hour. **M4 Metric (Cat. #D196-M) ... \$310.00**

MICROROENTGEN

Geiger Counter that Attaches to Your PC or Laptop Computer



This amazing low priced ionizing radiation monitor, in conjunction with an IBM compatible computer, is a highly sensitive, feature packed, easy to use

Geiger counter. The software included gathers the radiation data and displays it in a unique scrolling bar chart format, which is also saved to a file for later review and manipulation. Includes an alarm system which will alert you to the slightest increase in radiation over any preset level you choose.

Will detect, display and continuously monitor low levels of ionizing radiation from natural background sources, bricks, water, building materials, rocks, soil, water, jewelry, contaminated food, beverages, chemicals, radon gas, nuclear accident, etc. Will detect levels as low as 1 micro-roentgen/hr and up to 100,000+ micro-roentgen/hr. Measures **Alpha, Beta, Gamma & X-ray**. Sensitivity is similar to

Toll free in USA: 1-888-537-7363
International: +1-518-432-1550

Monitor 4 listed above. No batteries req'd. Includes a special serial port adapter that allows you to connect the detector to your computer with as much ordinary RJ11 phone cord as you need. No modification to your computer's hardware is required. 5 year wty. (Cat. #D197) **\$249.95**

LOW COST RADIATION MONITOR

Designed for evaluation of ambient dosage of **gamma radiation**, which can be done by ordinary people in domestic environment (homes, office, food products, construction materials, soil, etc.). Also, the instrument can be used by industrial personnel, working with ionizing sources of radiation. Moreover, the instrument can detect objects, polluted by **beta** active radioactive nuclides.

The instrument uses a Geiger counter to detect the amount of gamma radiation within 40 sec. and indicates the values in $\mu\text{Sv/h}$ and $\mu\text{Rem/h}$ on an LCD screen. Registration of every particle is indicated by a click sound, which makes it possible to quickly determine the location of hot spots.



Incorporates the following features: audio alarm with 3 adjustable thresholds, continuous updating of readout in proportion as duration of measurement increases, display illumination, MENU in English. CE. 3 year factory wty. Radex Model RD1503.

Range (ambient dose equivalent)	$\mu\text{Sv/h}$	0.05 ... 9.99
Exposure dose rate scale	$\mu\text{Rem/h}$	5 ... 999
Range energy scales	MeV	0.1 ... 1.25
Reproducibility of indications where P is dose rate in $\mu\text{Sv/h}$	%	15+6/P
Levels of alarm threshold	$\mu\text{Sv/h}$	0.30, 0.60, 1.20
	$\mu\text{Rem/h}$	30, 60, 120
Time of calculation	sec	40±0.5
Time of indication	.	continuous
Batteries "AAA" type	.	2
Typical battery life	hour	550
Outside dimensions	mm	105x60x26
Weight (without battery)	Kg	0.09

(Cat. #D783) **\$159.95**