

RADIOACTIVITY METERS



RANGER

Enhanced Sensitivity For Low Level Radiation... our best quality meter

Larger detector window and digital readout make this our most sensitive and accurate radiation meter for alpha, beta, gamma and X-rays. Simple to use in basic mode, plus advance features which allow the user to adjust the averaging time, switch from mR/hr to μ Sv/hr, and output data to computer or data logger (free software download). 3 modes of operation: mR/hr, CPM, total counts.

4-digit LCD readout, red LED count light and audible tone. Includes USB cable, rubber boot, carry case and one year warranty. Requires 2 AA batteries. Made in USA.



Ranger (Cat. #R195) \$580.00

Also available: Ranger EXP, with external probe (Cat. #R195-E) \$780.00

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 μ Sv/h and μ 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)	μ Sv/h	0.05 ... 9.99
Exposure dose rate scale	μ Rem/h	5 ... 999
Range energy scales	MeV	0.1 ... 1.25
Reproducibility of indications where P is dose rate in μ Sv/h	%	15+6/P
Levels of alarm threshold	μ Sv/h	0.30, 0.60, 1.20
	μ Rem/h	30, 60, 120
Time of calculation	sec	40 \pm 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

Low Cost Radiation Monitor (Cat. #R783) \$159.95

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