

SMARTRAD: Radiation Survey Meter

with internal Beta / gamma / X-Ray Detector



- 0.00 mR/H to 10 R/H, Auto Ranging.
- Dose range from 0-999 mR
- Graphic LCD Display With LED backlight
- Internal type G.M. Detector LND make.
- Menu driven Operation
- Built in buzzer audio chirps for exposure rate.
- Shows Calibration Due Date at On / Off
- Analog bar shows sudden variation in radiation
- Alarm thresholds for Dose and Exposure rate
- Statistical screen for Max & 30 Sec Average
- Available in Roentgen or Sievert Scale
- Counts per Second (CPS) available for contamination monitoring (SmartRad Beta & SmartRad Micro)
- Auto Switch Off
- Accuracy $\pm 15\%$ with CS-137
- ABS casing, compact and light weight
- 4 AA size Batteries with Low Bat Display.
- Size 140 x 65 x 50 mm; Weight 300 gm



Pulsecho Systems

[Bombay] Pvt. Ltd.

Unit No. 110 Nirmal Industrial Estate,
Near Sion Fort, Sion (East),
Mumbai - 400 022, India

Phone: 2407 1055 / 2409 2087 ▲ Fax: 91-22-2407 4244

Email: pulsecho@vsnl.com ▲ Website: www.pulsecho.com

	SmartRad Mini	SmartRad Low	SmartRad Beta	SmartRad Micro
Radiation Detected	Gamma & X-Ray		Gamma, X-Ray & Beta	Gamma, X-Ray, Alpha & Beta
Detector	Miniature halogen quenched internally mounted GM Tube shielded for energy correction		Miniature halogen quenched internally mounted GM Tube shielded for energy correction with openable Beta window	Externally mounted halogen quenched pancake GM detector with openable Beta shield
Measuring Range in Roentgens	Rate: 0.1 mR/h to 9.99 R/h Dose: 0.1 mR to 999 mR (in up to 2 R/h field)	Rate: 0.01 mR/h to 1.0 R/h Dose: 0.01 mR to 999 mR (in up to 1 R/h field)	Rate: 0.01 mR/h to 999 mR/h Dose: 0.01 mR to 999 mR (in up to 1 R/h field)	Rate: 1 μ R/h to 99.9 mR/h Dose: 0.01 mR to 999 mR (in up to 100 mR/h field)
Measuring Range in Sievert	Rate: 1 μ Sv/h to 99.9 mSv/h Dose: 1 μ Sv to 99.9 mSv (in upto 20 mSv field)	-	-	Rate: 0.01 μ Sv/h to 999 μ Sv/h Dose: 0.01 μ Sv to 999 μ Sv (in upto 1 mSv field)
Accuracy	\pm 15% when calibrated with Cs 137			
Operating Temperature	0°C to 50°C			
EHT	500V (nominal) Regulated			
Battery	4 penlite dry cells (Gives 50 to 60 Operating Hours)			
Dimensions (in mm)	140 x 65 x 50			140 65 x 50 + External Probe
Weight (with battery)	250 grams			500 grams with external probe

*1 mR = 0.01 mSV, 1R = 10 mSV

