



SALIENT FEATURES

- Measures R/h, Sv/h , CPS, CPM, Bq/cm²
- Dose rate 0.01 to 200mR/h, 0.1μSv/h to 2mSv/h
- Contamination upto 10 KCPS, 50KCPM, 99.9bq/cm²
- Audio Visual Alarm
- can also be operated on Rechargeable Battery
- Light weight_375 gms , Compact size

<u>TECHNICAL SPECIFICATIONS</u>	
<u>NUCLEAR</u>	
Radiation Detected	β(Beta) & γ (Gamma)
Detector	Pancake GM tube (areal density 1.5-2.0mg/cm ² , Effective dia ≈1.75") with β/γ Discriminator
Unit	mR/h, Sv/h , CPS, CPM, Bq/cm ²
Chirp	Buzzer sound per count provided with enable / disable facility.
Alarm	Audio & visual settable alarm
Count Rate Range	Upto 10 KCPS, Upto 50 KCPM
Dose rate Range	0.01 to 200mR/h , 0.1μSv/h to 2 mSv/h
bq/cm ² range	0.01 to 99.9 bq/cm ² *
Time Constant	Auto
Accuracy	±15% (CS-137)
<u>INDICATIONS/INTERFACE</u>	
Display	8 x 2 Character Back-lit LCD
Back-lit LCD Backlit ON/OFF button	Backlit can be turned ON/OFF to save power
User Interface	Menu driven with UP, RIGHT, ENTER buttons, LED and buzzer for alarm, chirp
<u>MECHANICAL/ELECTRICAL</u>	
EHT (factory set)	500V DC approx.
Battery	1.5V AA Alkaline size Two nos, 1.2V AA Size Rechargeable batteries can also be used
Size & Weight	3.5cm x 7.6cm x 3.8cm approx. & 375 gms.
<u>ACCESSORIES</u>	
Manual	
<u>DOCUMENTATION</u>	
AERB approved lab calibration certificate valid for 2 years included.	

NOTE: 1) Bq/cm² can be measured for any one isotope of known efficiency. Efficiency can be derived by measuring CPS of standard source. Efficiency & background to be manually entered.

2) Photo of instrument is for illustration purpose.

CAT PCRM162D/0219

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