

CONTAMINATION MONITOR**PCM 100****TECHNICAL SPECIFICATIONS**

Radiation Detected	: Alpha & Beta simultaneously
Detector	: Plastic Scintillator coated with Zns (Ag) and suitable PM Tube
Display LCD	: 16x2 Characters (Backlit)
Detection Window	: Circular window of 11cm Dia with opening area >80%
Measuring Range	: 1 to 9999 CPS, 1 to 999999 Counts
Count Rate Time Constant	: 1 to 60 Seconds settable
Preset Time	: 1 to 9999 sec. settable for counts measurement
Preset Time Controls	: Start/Stop and reset
Efficiency	: 25% or more for Am-241 Alpha Particle 20% or more for Sr-90.
Cross Talk	: Alpha to Beta <10% and Beta to Alpha < 1%
Alarm	: Settable audio-Visual Alarm for count rate
Audio Chirp	: A chirp sound per detected pulse chirp mute if required.
Mylar Protection mesh	: Specially designed thin honey-comb pattern S.S. mesh for better efficiency & better open-to-close ratio.
Mylar Mounting	: on S.S. frame for easy replacement
Mylar Replacement	: Screw less (No screws to be removed for replacement of Mylar)
Power	: 9V Batteries Rechargeable with charger
Weight	: 1.25 Kg Approx.
Size	: 22 x 13.5 x 15 cm (including handle)

Cat. No. PCM 100/0918

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