

ANALOGUE SURVEY METER **ASM - 10R**



- **Measures Gamma & x-Rays**
- **Separate(Dual) GM tubes, for low & high range**
- **Compact, Elegant & Light Weight**
- **Low Battery Life**
- **Ideal for NDT & Lab use**
- **Robust Construction**
- **Accuracy $\pm 10 \%$**

ASM-10R Analogue Survey Meter is designed for radiation protection measurements. The integrated design represents a versatile, user friendly, hand-held radiation measurement instrument.

The ASM-10R is a truly wide range survey meter, suitable for nearly all measurement tasks arising in radiation protection. Its unique dual GM tube is sensitive to low as well as high radiation fields.

The ASM-10R survey meter utilize an integral, energy compensated sensor for measuring X-Ray and Gamma Radiation.

ASM-10R has four ranges, with each range independently calibrated to $\pm 10\%$, internal calibration potentiometers are provided for each range there by making calibration easier and more accurate.

SPECIFICATIONS:

Sensor	Shock proof mounted dual halogen-quenched G.M. tube
Radiation detected	X-Ray and Gamma radiation
Energy range	50 KeV to 1.3 MeV
Display units	mR / hr and R / hr / μ Sv and mSv
Controls	Six position rotary switch - OFF, Battery check, Range – 4 steps
Range selections	0-10 mR / hr / 0-100 μ Sv, 0-100mR / hr / 0-1mSv, 0-1R / hr / 0-10 mSv, 0-10 R / hr / 0-100 mSv.
Calibration controls	Internal calibration potentiometers are provided for each range
Anti-saturation	Built-in feature will not allow display pointer to full scale in highfield over 10 R / hr (100 mSv)
Display	Analogue meter – 1-10 main scale division with 5 sub divisions each
Least count	0.2 mR / hr (2 μ Sv)
Accuracy	$\pm 10\%$
Battery check	Via meter pointer deflection in “battery check” mode
Audio	Beeper chirps for each count (mute available)
Power requirement	1.5 V “AA” size 4 nos.
Battery life	Upto 360 hrs. depending on radiation field levels.
Temperature range	-10° C - 50° C
Dimensions	197 mm x 113 mm x 63 mm
Weight	350 grams