

<b>Parameter</b>	<b>Specification</b>
Radiation	Detection of X-rays and Gamma Radiation
Detector type/position	Energy compensated internal/inbuilt detector
Energy Dependence	Within $\pm 30\%$ from 100 keV to 1.2 MeV or better
Readout Accuracy	Within $\pm 15\%$ (for $^{137}\text{Cs}$ in entire range) or better
Dose Rate Range	0.1 – 99.99 mR/h (1 $\mu\text{Sv/h}$ -1 mSv/h) or better
Display	4 digit or higher digital display
Alarm	Provision for user to set alarm (dose rate based)
Alarm type	Audio and Visual (both)
Overload	Indication for over-range
Calibration Certificate	Yes, calibrated by $^{137}\text{Cs}$ source
Input power	230 V $\pm 10\%$ (Indian socket)
Operating environment condition	Should withstand temperature upto 50°C and relative humidity upto 90%.
Mounting	Provision for wall mounting
Warranty	At least 1 Years (On-site)