



RADIATION MONITORS

Sources of gamma radiation are commonly employed in industry to make important process measurements. While they provide an invaluable means to measure/control the Process, it is important to ensure that they are correctly and safely applied or stored. Since human beings are unable to sense gamma radiation, it requires an instrument to do this. To further improve the safety at the workplace, we have developed a range of Radiation Monitors that are:

- Portable (UNIRAD).
- Installed permanently (Series RM-300).

The fixed installation series RM-300 Radiation Monitors provides 24 hour monitoring of an area and will alarm whenever the radiation level exceeds the allowable level.

The Gauge will alarm via Indication lamp as well as via audible sounder.

The gauge also permits the connection of additional (by others) sounders etc.

The system provides a visual indication of the condition of the monitor (any fault detected will result in an alarm also).

There are a few of variants of the RM-300 Monitor, varying in either sensitivity or location of the Gamma probe/sensor.

The Monitors are supplied pre-calibrated, requiring mounting and connection to mains power only.

Alarms may be annunciated via:

- LED indicating lamp.
- Audible sounder/siren
- SMS text message to responsible person.





Radiation Monitor Specifications

Model	RM-300	RM-310
Enclosures	Wall mounted Poly-Carbonate to IP 66 protection.	Wall mounted Poly-Carbonate to IP 66 protection. Remote probe in die-cast Aluminium enclosure to IP 66.
Gamma Sensor	Dual Geiger-Müller gamma sensors.	Dual Geiger-Müller gamma sensors.
Sensitivity	140 cpm/mR/h	140 cpm/mR/h
Indication	Local LED lamps for: "System OK" and "Alarm".	Local LED lamps for: "System OK" and "Alarm".
Output	Volt free contact (1A at 24 VDC) proportional to radiation field.	Volt free contact (1A at 24 VDC) proportional to radiation field.
Power	220 VAC, 50 Hz	220 VAC, 50 Hz

