



RDS-30
model **MG-RAF-1233250**

Features:

- Measurement and displays in $\mu\text{Sv/h}$ or mrem/h
- Dose measurement indication
- High battery life time (>1 year)
- Compliant to IEC 60846
- Dose rate follow-up by audible signal with frequency proportional to dose rate
- Visual and audible alarm: user settable for dose and dose rate over the whole measurement range
- Histogram capability of up to 480 dose rate values with user settable logging interval
- Backlit display with six large digits
- Built in self diagnostics

RDS-30 Radiation Survey Meter

The RDS-30 is a Digital Handheld Dose Rate Survey Meter designed for a wide range of applications involving a possibility for abnormal radiation levels.

RDS-30 is compact, light-weight, and waterproof. Its performance and friendly user interface make the RDS-30 perfectly suited to radiation survey in field conditions, in nuclear industry and for protection against radiological hazards by personnel, who may be exposed to gamma and or X-ray radiation. RDS-30 is microprocessor-controlled.

RDS-30 provides user configuration (with SW) list of sequential alarm levels for dose rate. The use of a CSW software is required for downloading the data into a PC via IrDA port.

- radiation detected: gamma and X-ray from 48 keV to 1.3 MeV
- detector: energy compensated GM tube compliant to $H^*(10)$
- dose rate measurement range: from 0.01 $\mu\text{Sv/h}$ to 100 mSv/h or from 1 $\mu\text{rem/h}$ to 10 rem/h
- dose rate linearity: $\pm 10\% \pm 1$ digit within the range of 0.1 $\mu\text{Sv/h}$ to 100 mSv/h or 10 $\mu\text{rem/h}$ to 10 rem/h
- calibration accuracy: $\pm 5\%$ of the reading 137 Cs exposure, at 3 mSv/h, $+20^\circ\text{C}$ (68°F)
- energy response: $\pm 30\%$ over the range of 48 keV - 1.3 MeV
- dose measurement range: from 0.01 μSv to 1 Sv or from 1 μrem to 100 rem.
- power supply: 2 alkaline batteries IEC LR6/AA size (recommended)

Accessories

- CSW software for parameter setting and histogram readings (download for free at www.mirion.com)
- wrist strap
- neck strap

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