



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
- Display in either $\mu\text{Sv/h}$ or in mrem/h
- Built-in self diagnostics

RDS-30

Radiation Survey Meter

The RDS-30 is a Digital Handheld Dose Rate Meter designed for a wide range of applications involving a possibility for abnormal radiation levels. Compact, lightweight, waterproof, its performance and its 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 in their work. RDS-30 is microprocessor controlled. The user interface consists of one push button and an easy-to-use menu structure that displays information on the LCD of the meter. The six-digit display shows the dose rate and various messages.

Different alarm situations are indicated by a combination of audio-visual effects on the LCD and a buzzer (dose rate, dose, low battery, defect, dose rate over low). RDS-30 provides user configurable (with SW) list of sequential alarm levels for dose rate. One dose rate at a time can be chosen from this. It is possible to store dose rate values into the histogram memory for later analysis of the instrument.

The use of a CSW software is required for downloading the data into a PC via IrDA port

