The RADOS RAD-60 Personal Alarm Dosimeter is a precise and reliable instrument for ensuring the personal safety of the user. Ideally, the RAD-60 is used in everyday radiation monitoring, in stand-alone conditions. If your needs grow for a more sophisticated system, the RAD-60 can also be integrated into an Access Control System. The RAD-60 can be switched into System Mode, for the purpose of tracking Personnel Dose records and compliance reports.

Detector
Energy compensated Si-Diode

Button Functions
• change display (dose/dose rate)
• switch ON/OFF
• chirp ON/OFF
• reset integrated dose
• change alarm thresholds
• activate battery test

Measurement Range
Dose: 1 uSv - 9.99 Sv or 0.1 mrem - 999 rem

Energy Response
Hp(10), 60 keV - 3 MeV, better than + or - 25%, up to 6 MeV, better than + or - 35%

Dose Rate
5 uSv/h - 3 Sv/h or 0.5 mrem/h - 300 rem/h

Dose Rate Linearity
Better than + or - 15% up to 3 Sv/h (300 rem/h)

Calibration
Better than + or -5% (Cs-137, 662 keV at 2 mSv/h), Hp(10)

Audible Alarms
Seven separate alarms, sound level typically better than 85 dBA at 30 cm
• integrated dose
• dose rate
• dose overflow
• dose rate overflow at 3 Sv/h or 300 rem/h
• low battery 1 and 2
• defect

Alarm Thresholds
Six preset values each for integrated dose and dose rate-push button selection

Connectors
Infrared communication via bottom of the dosimeter

Power Requirements
One triple A alkaline cell, typical life is 1800 hours in background

Temperature Range
-20 - + 50° C operational, humidity up to 90% RH, non-condensed
-20 - + 70° C storing

Weight
80 g (including battery)

Size
78 x 67 x 22 mm