Personal Electronic Dosimeter

The RAD-60 Personal Alarm Dosimeter is a precise radiation measuring instrument for reliable detection and registration of radiation in order to ensure the personal safety of the user. It is suitable for a broad range of everyday radiation monitoring purposes in stand alone conditions.

- Reader Communication: By infrared through bottom part; By using ADR-1Reader Head in combination with Mirion PC software
- Radiation Detected: Gamma and X-rays
- Detectors: Energy compensated Si-Diode
- Measurement Range:
  -Dose: 1 µSv - 9.99 Sv or 0.1 mRem - 999 Rem
  -Dose Rate: 5 µSv/h - 3 Sv/h or 0.5 mRem/h - 300 Rem/h
- Calibration Accuracy: Better than ±5% (Cs-137, 662 keV at 2 mSv/h), Hp(10)
- Energy Response:
  -Hp(10), 60 keV - 3 MeV
  -Better than ±25%, up to 6 MeV
  -Better than ±35%
- Dose Rate Linearity:
  -Better than ±15%, up to 3 Sv/h (300 Rem/h)
  -Better than ±10% for 0.005 mSv/h - 1 Sv/h (1 mRem/h-100 Rem/h)
- Audible Alarms: Eight separate alarms, sound level typically better than 85 dBA at 30 cm, integrated dose, dose rate, dose overflow, dose rate over flow at 3 Sv/h or 300 Rem/h, low battery 1 and 2, defect
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- Dimensions: 3.1" L x 2.6" W x 0.8" H (7.8 x 6.7 x 2.2 cm)
- Weight: .175 lb (.08 kg) including battery
- Power Supply: One AAA alkaline cell, life typically 1800 h in background field (dose mode)

RAD-60R	Personal Electronic Dosimeter (Rem/h)
RAD-60S	Personal Electronic Dosimeter (Sv/h)