Electronic Dosimeter

Model RAD 60 & ADR-1 Reader

Personal Electronic Dosimeter

model
RAD-60 Personal Alarm Dosimeter

Features:

- Enhanced EMI immunity
- Rugged clip fixing
- Improved wear-out and decontamination properties
- Increased sound pressure
- Individual Personal Alarming Dosimeter
- Digital display for integrated dose or alternatively dose rate
- User selectable alarm levels for both dose and dose rate

model
ADR-1 Dosimeter Reader

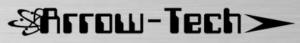**The RAD-60**
Personal Electronic Dosimeter

The RAD-60 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.

- 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: 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 (300rem/h)

- Audible alarms: - eight separate alarms, sound level typically better than 85 dBA at 30 cm

- Push-button functions: - front panel push-button has the following selectable functions:
  - toggle between dose and dose rate display
  - switch ON/OFF
  - chirp ON/OFF
  - reset integrated dose
  - change alarm thresholds
  - activate battery test

ADR-1 Dosimeter Reader:

The ADR-1 Reader is designed to read and manage RAD-50/60 series electronic dosimeters.

- Change dosimeter settings (RAD-50/RAD-60)
- Calibrate dosimeter (with applicable source)
- Assign a username and ID

Arrow-Tech

www.**dosimeter**.com