

Electronic Personal Beta Gamma Dosimeter



The EPD TruDose Electronic Personal Dosimeter monitors Gamma and Beta radiation in any environment where workers need to monitor their exposure to radiation.

- **Accuracy:** Photon Hp (10) $\pm 5\%$; Photon Hp (0.07) $\pm 15\%$;
(¹³⁷Cs) Beta Hp (0.07) $\pm 15\%$
- **Effective Dose Range:** Hp (10): 1.0 uSv to ≥ 10 Sv (0.1 mrem to ≥ 1000 rem)
Hp (0.07): 500 uSv to 10 Sv, BG (50 mrem to 1000 rem, BG)
50 uSv to 10 Sv, G (5 mrem to 1000 rem, G)
- **Alarms:** Audible at 97 dB (A) at 20 cm (>80 dB (A) at 1 m),
Vibration Alarm Function and Ultra-bright **Flashing RED LED**
- **Power Supply:** Single AA battery, 1.5V Alkaline or 3.6V Lithium Thionyl Chloride
- **Dimensions:** 3.37" L x 2.48" W x .83" D
- **Weight:** .233 lb with lithium battery and clip

EPD-TruDOSE-BG

Electronic Personal Beta/Gamma Dosimeter



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 μ Sv - 9.99 Sv or 0.1 mrem - 999 rem
 - Dose Rate: 5 μ Sv/h - 3 Sv/h or 0.5 mrem/h - 300 rem/h
- Calibration Accuracy: Better than $\pm 5\%$ (Cs-137, 662 keV at 2 mSv/h), Hp(10)
- Energy Response:
 - Hp(10), 60 keV - 3 MeV
 - Better than $\pm 25\%$, up to 6 MeV
 - Better than $\pm 35\%$
- Dose Rate Linearity:
 - Better than $\pm 15\%$, up to 3 Sv/h (300 rem/h)
 - Better than $\pm 10\%$ 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
-
- 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)