

Rad 60 Personal Alarm Dosimeter



RADIATION DETECTED: Gamma and X-Rays

DETECTOR TYPE: Energy Compensated Si-Diode

MEASUREMENT RANGE:

Dose: 1 μ Sv - 9.99 Sv or 0.1 mR – 999 R

Dose rate: 5 μ Sv/Hr – 3 Sv/Hr or 0.5 mR/Hr – 300 R/Hr

CALIBRATION: Better than + 5%(Cs137, 662 keV at 2 mSV/Hr), 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 1 Sv (100 R/Hr), + 20%, up to 3 Sv/Hr (300 R/Hr)

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/Hr or 300 R/Hr
- low battery 1 and 2
- defect

ALARM THRESHOLDS*: Six preset values each for integrated dose and dose rate, manually selectable by pushbutton

POWER SUPPLY: 1 AAA alkaline cell, life typically 1800 Hrs in background field (dose mode)

READER COMMUNICATION: By infrared through bottom part; by using ADR-1 Reader Head in combination with RADOS PC Software

PUSH BUTTON FUNCTIONS*: Front panel push button has the following selectable functions

- change display priority (dose/dose rate)
- switch ON/OFF
- chirp ON/OFF
- reset integrated dose
- change alarm thresholds
- activate battery test

TEMPERATURE RANGE:

-20 - +50° C operational,

-20 - +70° C storing

DIMENSIONS: 78 X 67 X 22 mm

WEIGHT: 80g including battery

***NOTE:** The active alarm thresholds and configuration of push button functions can be changed by using ADR-1 Reader Head in combination with RADOS PC software
