

## دزیمتر محیطی RADOS RDS-30 (ساخت فنلاند)

- Radiation detected: gamma & X-ray from 48 keV to 1.3 MeV
- Detector: energy compensated GM tube compliant to H\*(10)
- Dose rate measurement range: from 0.01  $\mu\text{Sv/h}$  to 100 mSv/h or from 1  $\mu\text{rem/h}$  to 10 rem/h
- Dose rate linearity:  $\pm 10\%$   $\pm 1$  digit within the range of 0.1  $\mu\text{Sv/h}$  to 100 mSv/h or 10  $\mu\text{rem/h}$  to 10 rem/h
- Calibration accuracy:  $\pm 5\%$  of the reading in 137Cs exposure, at 3 mSv/h,  $+20^\circ\text{C}$  ( $68^\circ\text{F}$ )
- energy response:  $\pm 30\%$  over the range of 48 keV - 1.3 MeV
- Angular response:  $\pm 25\%$  within  $\pm 45\%$  from the calibration direction at 48 keV
- Dose measurement range: from 0.01  $\mu\text{Sv}$  to 1 Sv or from 1  $\mu\text{rem}$  to 100 rem

