

Electronic Personal Dosimeter

Dose-i



- | Small and Lightweight
- | Easy-to-Read Display
- | Simple Operation

Specifications

[Radiation Measured]	Gamma (X) rays
[Detector]	Silicon semiconductor
[Measurement Range]	0.001 mSv to 999.9 mSv (0.1 mrem to 99.99 mrem) 0.001 mSv/h to 999.9 mSv/h (0.1 mrem/h to 99.99 mrem/h) for dose measurement
[Display Range]	Accumulated Dose: 0.001 mSv to 999.9 mSv (0.1 mrem to 99.99 mrem) Dose Rate*: 0.001 mSv/h to 999.9 mSv/h (0.1 mrem/h to 99.99 mrem/h)
[Accuracy]	≤ ±10% (0.01 mSv to 999.9 mSv (1 mrem to 99.99 rem), ¹³⁷ Cs)
[Energy Range]	35 keV to 3 MeV
[Energy Response]	≤ ±20 % (60 keV to 1.5 MeV, ¹³⁷ Cs reference)
[Angular Response]	≤ ±20 % (Up to ± 60 degree vertical and horizontal, ¹³⁷ Cs)
[Dose Rate Linearity]	≤ ±10 % (¹³⁷ Cs)
[Display]	4-digit OLED (0.001 to 999.9)
[Indication Data]	Dose, Dose rate, Operating time, Alarm
[Alarm Volume]	60 dB (at 20cm)
[Data Storage]	Trend data (Up to 600 data)
[Power Supply]	Primary Battery (CR2450) x 1
[Battery Lifetime]	720 hours or more (without alarm / communication)
[Communication]	Infrared communication (Option: communication cable and software)
[Operating Temperature]	-10°C to 40 °C (14 °F to 104 °F)
[Operating Humidity]	Up to 90 %RH
[Dimensions]	30(W) x 110(H) x 12(D) mm approx. (1.2(W) x 4.3(H) x 0.5(D) in approx.)
[Weight]	60 g approx. (0.13 lb approx.)

*Note) Dose-i indicates rough value for dose rate measurement in low radiation field such as less than 1 mSv/h (100 mrem/h), so it should be used just for reference.

Dose Management Software

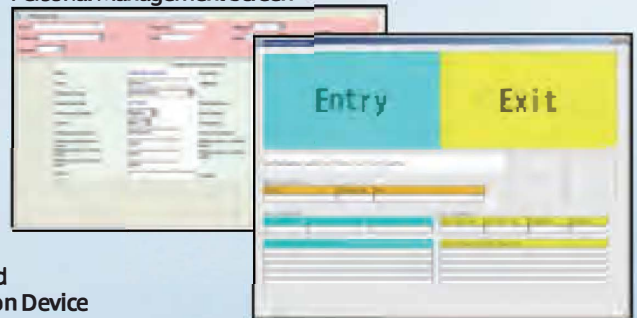
Functions

- Personal Management
- Access Control
- RWP Management
- System Management



PC and Infrared
Communication Device

Personal Management Screen



Access Control Screen

⚠ CAUTION

Read the instruction manual provided before using this product, to make sure you operate it safely.



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