

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

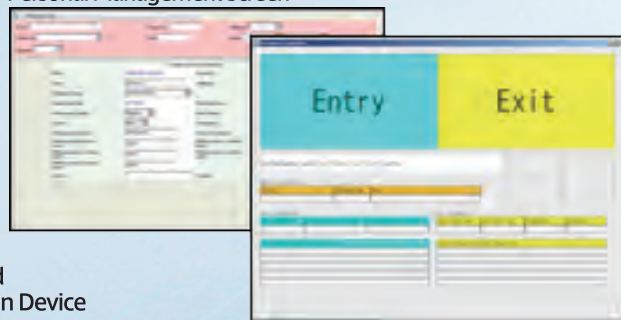
Functions

- 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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Information in this sheet is subject to change without notice due to the product improvement.

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