



EPD Mk2+ and EPD-G Electronic Personal Dosimeter

The Thermo Scientific EPD Mk2+ dosimeter builds upon the high performance of the original Mk2 design, while providing enhanced features. The EPD Mk+ is suitable for use as a single, stand-alone dosimeter, or as a component of a comprehensive dosimetry management system using our renowned hardware and software packages. The high quality of the Mk2+ provides low lifetime costs as well as advanced radiological performance. The Mk2+ also boasts a ruggedized battery cap and an improved display.

The Thermo Scientific EPD-G is the gamma-only variant of the original Mk2 beta/gamma electronic personal dosimeter, incorporating essentially the same design and features, but with the beta detector and window removed. The EPD-G is suitable for use where there is no requirement for beta detection and measurement. The EPD-G provides a cost-effective design, advanced radiological performance and enhanced unit ruggedness due to removal of the beta window.

- Advanced radiological performance, 15 keV to 10 MeV, in a small, lightweight design
- Multi-detector technology
- Improved power management and battery monitoring
- Loud configurable audible alarm
- Excellent immunity to interference from EM sources
- Enhanced, easy-to-read display with optional backlight
- Rugged battery cap and enhanced clip retention
- Improved reliability of LCD and case
- Additional software features provided
- Non volatile memory retains data when battery removed
- Fast and reliable IR communications interface to a range of Reader units

Special Offer:

Dosimetry Solution EPD Kit consisting of five gray EPD Mk.2 dosimeters, IrDA reader with USB interface, EasyEPD2 and EasyIssue software.



Radiological	Direct readout of dose equivalents Hp (10) deep/whole body and Hp (0,07) shallow/skin
Display Units	Sv and rem (with prefixes) OR scaled in Sv and cGy (with prefixes)
Neutron Response	<2%
Dose Display and Storage	0 μ Sv to >16 Sv (0 mrem to >1600 rem)
Dose Rate Display	0 μ Sv/h to >4 Sv/h, (0 mrem to >400 rem/h), auto ranging
Operating Temperature	-10°C to +50°C (+14°F to +122°F)
Memory	10 year data retention without battery
Dimensions	85/63/19 mm, excluding clip
Weight	around 95 g, incl. battery and clip

Type	PU pcs.	Cat. No.
EPD Mk+ Electronic Dosimeter, grey	1	1004-9564
EPD-G Electronic Dosimeter, gamma-only, grey	1	1262-3305
Eichung for EPD Dosimeter only available in Germany	1	1052-6095
IrDA-Reader serial interface (without Software EasyEPD)	1	1034-9424
IrDA-Reader serial interface (with Software EasyEPD)	1	1263-3305
IrDA-Reader USB interface (without Software EasyEPD)	1	1018-6354
IrDA-Reader USB interface (with Software EasyEPD)	1	1003-4144
Easy EPD2 Software	1	1058-5515
EPD Dosimetry Kit	1	1264-3305

