



Thermo Scientific™

## EPD Electronic Personal Dosimeters

**Catalog number:** EPD161081000

**Related applications:** [Radiation Detection & Measurement](#)

[Technical Support](#) | [Customer Service](#)

This product has been discontinued and replaced with the [EPD TruDose Electronic Personal Dosimeter](#).

[Product Overview](#)   [Documents](#)

Catalog Number	Specifications	Unit Size	Description	Price (EUR)
✓ <b>EPD161081000</b> also known as EPD/1/61081/000 ⓘ	<a href="#">Full specifications</a>	Each	EMDS3 Maintenance Database System	<a href="#">Request A Quote</a>

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The EPD product line consists of:

### Thermo Scientific™ EPD Mk2™ Electronic Personal Dosimeter

- Excellent response to gamma, beta, and X-radiation.
- Single stand-alone dosimeter or part of a comprehensive dosimetry management system, such as webREMS or ViewPoint Enterprise.
- Advanced radiological performance, 15keV to 10MeV, in a small, lightweight design.
- Most complete dosimeter per IAEA Active Personal Dosimeter Intercomparison study IAEA-TECDOC-1564.
- Multi-detector technology.
- Excellent power management and battery monitoring.
- Loud configurable audible alarm.
- Excellent immunity to electromagnetic interference.
- Easy-to-read display with optional backlight.
- Rugged battery cap and enhanced clip retention.
- Reliable LCD and case.

### Thermo Scientific™ EPD N2™ Electronic Personal Dosimeter

- Excellent performance in mixed gamma/neutron fields and for low-dose measurements.
- Advanced radiological performance, 20keV to 10MeV (photon), thermal (0.025eV) to 15MeV (neutron).
- Multi-detector technology.
- Direct display of Hp(10) for neutrons and for photons.
- Outstanding immunity to electromagnetic interference.
- Compatible with current or upgradeable Thermo Scientific EPD readers, software and accessories.

### Thermo Scientific™ EPD G Electronic Personal Dosimeter

- Excellent response to gamma and X-radiation.
- Advanced radiological performance, 15keV to 10MeV, in a small, lightweight design.
- Multi-detector technology.
- Excellent power management and battery monitoring.
- Loud configurable audible alarm.
- Excellent immunity to electromagnetic interference.
- Easy-to-read display with optional backlight.
- Rugged battery cap and enhanced clip retention.
- Reliable LCD and case.
- Compatible with Thermo Scientific EPD teleadapter for wireless operations.

### Thermo Scientific™ EMDS3™ Maintenance Database System

- Establishment of reference calibration data of new stock.
- Allocation of stock to user definable work areas or locations.
- Plain English fault diagnosis and reporting.
- Tracking of units sent for repair or maintenance.
- Interface to calibration checking procedures for external irradiators.
- Fully automatic integration with the Thermo Scientific™ Auto Irradiator.
- Production of calibration check reports.

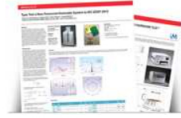
### Thermo Scientific™ EPD External Alarm Module

- Three-way external alarm unit for EPD Mk2 Electronic Personal Dosimeter.
- LED light from the EPD activates the vibration and audio alarm through fiber hook.
- Easily attached, optional, audible earpiece alarm.
- External audible alarm jack capability.

### Thermo Scientific™ EPD Readers for EPD Mk2 Electronic Personal Dosimeter

IrDA Reader: Office environments and mobile applications

ACT-5 Desktop Reader: For demanding environments, and where only one specific EPD can be 'seen' by the reader



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