

Thermo Scientific Dosimetry Solution provides a simple and convenient solution to protect your most valuable assets, people and facilities, while recording and tracking radiation dose for peace of mind.

## Thermo Scientific Dosimetry Solution

### Dosimetry Solution Kit

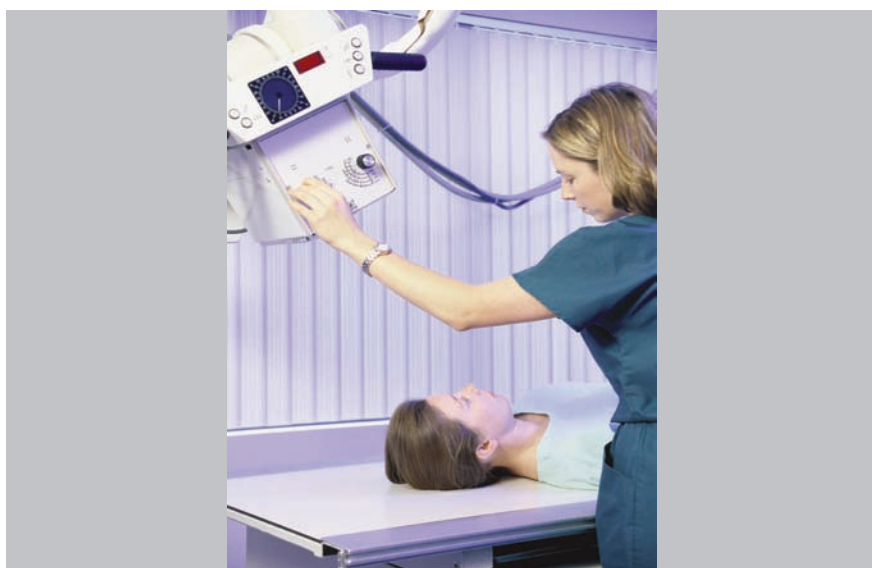


#### Key Features

- One kit provides a total dosimetry solution
- Advanced radiological performance
- Proven technology
- Small and very lightweight dosimeter
- EPD operates on a single battery
- Rugged ergonomic design
- Integrated infrared reader in carry case
- EasyEPD and Easy Issue software included

#### Applications

- Medical walk-in clinics
- Radiology labs and stand-alone facilities
- Veterinarian offices
- Dental offices
- Ambulance companies
- First responders
- Research laboratories



The Thermo Scientific Dosimetry Solutions kit is designed for providing a complete and comprehensive dosimetry solution to facilities that do not need or cannot afford a large dosimetry system. Building on the proven technology of the Thermo Scientific Mk2 Electronic Personal Dosimeter (EPD<sup>®</sup>), the standard kit contains 5 EPDs, software to configure and issue the EPDs, and a rugged carrying case with an integrated IrDA reader.

The convenience of the Dosimetry Solutions kit allows administrators of clinics, medical offices, labs, and other locations to receive all the dosimetry equipment needed in one package. There is no need to configure a system from a variety of components. Instead, the Dosimetry Solution reduces any possible confusion surrounding what components are required or how to

accurately measure radiation dose. Depending on the needs of the customer, a kit may contain dosimeters to measure beta/gamma, neutron or gamma only. For larger facilities, there is an option to order from 5 to up to 12 Electronic Personal Dosimeters. No experience in dosimetry is required to operate the dosimeters, meaning you save costs on training.

The high quality of the Thermo Scientific EPD Mk2, combined with the included easy-to-use Easy Issue and EasyEPD2 software packages and the integrated infrared EPD reader, makes the Dosimetry Solution the perfect kit for any facility looking to monitor radiation dose.

### Components of the Dosimetry Solution kit

#### Electronic Personal Dosimeter

- Mk2, G or N2 dosimeter models can be selected; standard kit contains 5 EPDs, with option to select up to 12 EPDs
- Multi-detector technology
- Excellent response to all radiation types; choice of beta/gamma, gamma/neutron, or gamma-only EPD
- Lightweight design: 95 g (3.2 oz) including battery and clip
- Size: 85 mm x 63 mm x 19 mm (3.3" x 2.5" x .08"), excluding clip
- Power supply: single AA battery 1.5 V alkaline cell for up to 30 weeks of continuous operation OR 3.6 V lithium battery for typically 20-40 weeks continuous operation (interchangeable; life estimates depend on type)
- 10-year data retention without battery
- Configurable audible and visual alarms for dose, dose rate, count down time, read time, and failure modes
- Excellent immunity to electromagnetic interference
- Easy-to-read display with optional backlighting

#### EasyEPD2 Software

- No database required
- Configuration software to customize alarm levels, display information, and more
- Interfaces directly to the Thermo IrDA reader
- Automatic "discovery" and reading of a detected EPD unit
- Basic EPD Issue and Return functions supported
- Individual screen windows for each logical functional area of control
- Compatible with Windows™

#### Easy Issue Software

- Flexible, simple and scalable database that can be stand-alone or networkable
- Supports grab-and-go operations
- Ability to allocate alarm levels for different tasks
- Restrict EPD issue based on personal radiation dose levels

#### EPD IrDA Reader

- Infrared EPD reader integrated into kit carrying case
- Reader software included
- Connect directly to a PC via serial interface
- Requires no power supply

#### Carrying Case

- Rugged Pelican case with molded foam inserts to protect EPD units
- Integrated EPD IrDA reader in case
- Easy storage for the entire system in one self-contained unit
- Can be shipped using FedEx or UPS

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Worldwide  
Frauenauracher Strasse 96 +49 (0) 9131 909-0  
D 91056 Erlangen, Germany +49 (0) 9131 909-205 fax

United Kingdom  
Bath Road, Beenham, +44 (0) 118 971 2121  
Reading RG7 5PR United Kingdom +44 (0) 118 971 2835 fax

United States  
27 Forge Parkway +1 (508) 520-2815  
Franklin, MA 02038 USA +1 (800) 274-4212 toll-free  
+1 (508) 428-3535 fax

China  
7th Floor, Tower West, Yonghe Plaza +86 10 8419 3588  
No. 28 Andingem East Street +86 10 8419 3581 fax  
Beijing, 100007 China

[www.thermo.com/rmp](http://www.thermo.com/rmp)  
[www.thermo.com/dosimetry](http://www.thermo.com/dosimetry)

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