

Thermo Scientific EMDS3

EPD Maintenance Database System

The new Thermo Scientific EMDS3 is the powerful inventory and calibration management system for the Thermo Scientific EPD series of electronic dosimeters.

Features and Benefits

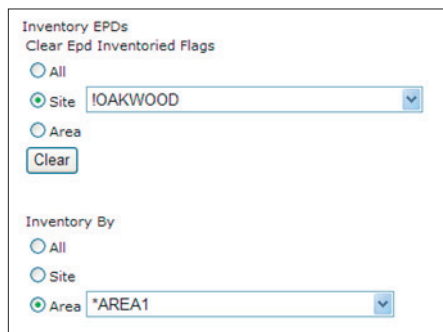
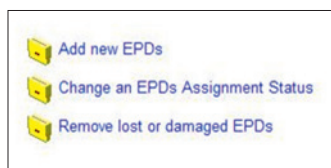
- Web-based using a centralised web server and database
- Password control for security of critical routines
- Input of new EPD stock to inventory database using EPD Reader
- Compatible with EPD-BG, G, N and N2
- Batch or individual setting of EPD operation parameters
- Automatic registration of EPD detail for use in Access Control Systems
- Upgrades are available for existing EMDS2 clients



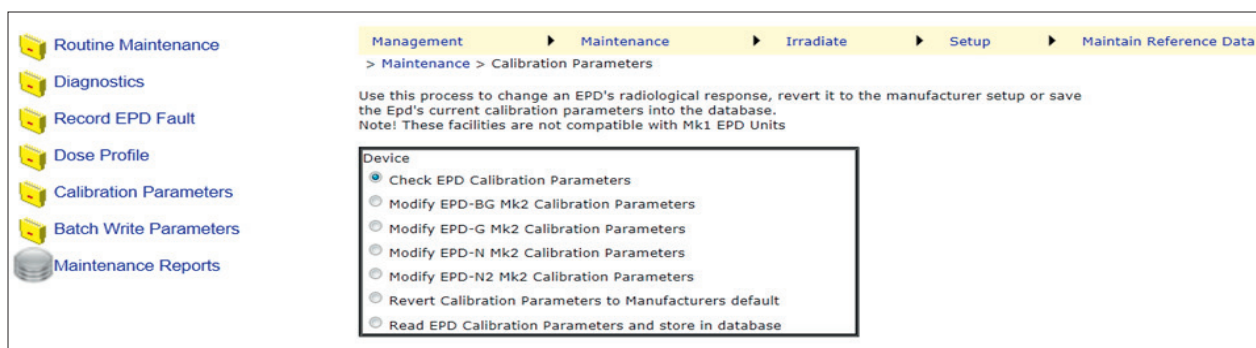
Running either stand-alone, or as an integrated part of the Thermo Scientific™ access control and dose management systems, the Thermo Scientific™ EMDS3™ provides a comprehensive and user friendly means of managing stocks of Thermo Scientific EPDs™ throughout their life.

Key features include:

- 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



EMDS3 screenshots



EMDS3 screenshot

EMDS3 report generation includes:

- Status information
- Assignment
- Warranty
- Inventory
- Statistics
- Last Use
- Maintenance by EPD, Activity
- Battery due dates
- Dose profile
- Calibration Data

Manage your EPD inventory:

- Introduce new EPDs to the database
- Automatically register EPDs for access control use with webREMS
- Identify EPDs by supplier or source
- Handle transfers or stock between physical locations
- Diagnose faults
- Manage repairs and returns

EPD Auto Irradiator

The Thermo Scientific EPD Auto Irradiator handles up to 10 EPDs (BG, G, N, N2, not mixed) on a removable carousel. The unit includes similar Am-241 and Cs-137 sources to the IRR manual irradiator, and works on the same radiological principles. The Auto Irradiator works fully interactively with EMDS3, which includes routines to drive it. Detailed information on the Auto Irradiator is available on request from Thermo Scientific.



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