MIRION TECHNOLOGIES

DMC 3000™ TD

Electronic Dosimeter Training Device

KEY FEATURES

- Simulates all features and functions of the DMC 3000
- Built with real DMC 3000 hardware
- Supports all configurations
- Provides all alarms and faults
- Works with DMC 3000 accessories including Transmitter Module
- Works with manual or automatic dose rate input

SIM-TEQ™ FEATURES:

- Wireless network of dosimeters and survey meters simulators driven by the Simulation Control Center application and /or simulated sources.
- SCC application operates on any tablet using a USB Dongle in order to drive up to 32 simulated training devices and 8 sources.
- Training instructor remotely drives simulated radiation levels, alarms, and fault conditions that allows real conditions simulations for the trainee
- Supports existing and future training devices.
- Easily updated via Microsoft Windows Store

OVERVIEW

The DMC 3000TD is a fully functioning simulator of the DMC 3000 electronic dosimeter.
Designed to be an effective and realistic training device, it replicates all dosimeter functions, alarms, and fault displays. It can even be used with existing transmitters and alarm modules, which allows for the training of remote monitoring personnel on how to properly respond alarm conditions identified by remote monitoring software such as Teleview 3000. All around the DMC 3000TD is an invaluable tool in keeping personnel operationally trained on how to use and respond to their electronic dosimeters.

Train your radworkers to operate dosimeter controls and functions, observe any dose and dose rate (up to saturation), recognize and distinguish dose and rate alarms, identify fault and alarm conditions.
Train your remote monitoring staff to respond to dosimeter conditions identified by TeleView Remote Monitoring Software

DMC 3000 TD™ | SIMULATOR TRAINING DEVICE

CHARACTERISTICS

Physical Dimensions
- 87 x 60 x 21 mm (3.4 x 2.3 x 0.8 in) max. without clip

Audible Output
- Alarming speaker with level of 85 dB (A) typical (> 90 dB (C) peak) at 30 cm (11.8 in), frequency < 4800 Hz

Power Requirements
- Standard AAA (LR03) 1.5V Alkaline Battery

Battery Life
- Up to 30 hours depending upon feature configuration, connection to SCC and alarm use:
- Operation Mode: 30 hours
- Search Mode: 3 hours (auto-shutoff in 30 minutes)

Environmental
- Drop and water resistant

Wireless Communication
- IEEE 802.15.4, 2.4 GHz, 18 mW

SUPPORTED FEATURES

- **Autonomous (Stand Alone) and Satellite Modes**
- Fast Entry Mode
- Pause/Active Mode
- Sleep

- **Alarms**
  - Dose pre-alarm, dose alarm
  - Dose rate pre-alarm, dose rate alarm
  - Time alarm
  - Remaining Time Alarm
  - Dose Saturation
  - Dose Rate Saturation
  - Chirp Rate
- **Faults**
  - Blank screen (dead battery)
  - Optical
  - Pulse
  - Detector
  - Memory
  - Historical
  - Shock
  - Buzzer / Speaker
  - Defective battery / power Loss
  - Low battery (simulated)
  - Low battery (actuel)

- **SCC Application**
  - Available from Windows Store, runs on Windows tablet with USB Dongle

- **Range of Operation**
  - 75 ft. line of sight. Depending upon material composition, obstructions may reduce operational distance.

- **Control Options**
  - Manual control of dose and dose rate input, configuration of all dosimeter features, live time view of dosimeter display, group control of up to 32 dosimeters

The SIM-Teq™ System is a wireless training network of simulated dosimeters, survey meters, and TWR Sources managed and controlled by the Simulation Control Center (SCC) application.

FEATURES:

- *Easy to setup.*
- *SCC application operates on any Windows 10® tablet with a USB Dongle and up to 32 simulator training devices.*
- *Training instructor remotely views and controls simulated gamma radiation levels, alarms, and fault conditions as observed by a trainee operating the connected device.*
- *Multiple models supported. Future training devices seamlessly added.*
- *SCC updated via Microsoft Windows Store.*

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