



# DMC3000TD

## Simulator Training Device

### Dosimeter Features:

- Simulates all features and functions of the DMC3000 (G2)
- Built with real DMC3000 hardware
- Supports all configurations
- Provides all alarms and faults
- Works with Mirion DMC3000 accessories including Transmitter Module
- Works with manual or automatic dose rate input

### Train Your Radworkers To:

- Operate dosimeter controls and functions (display, view alarm set points, toggle dose and dose rate)
- Observe any dose and dose rate (up to saturation)
- Recognize and distinguish dose and rate alarms (audible and visual)
- Identify fault and alarm conditions; threshold alarms plus (12) dosimeter faults/alarms

### Train Your Remote Monitoring Staff To:

- Respond to dosimeter conditions identified by TeleView Remote Monitoring Software

## Specifications:

Model Number/Part Number	DMC-3000TD / 225201
Physical Dimensions	Same as DMC-3000
Audible Output	Same as DMC-3000
Power Requirements	Same as DMC-3000: One (1) Standard AAA (LR03) 1.5V Alkaline Battery
Battery Life	Up to 30 hours depending upon feature configuration, connection to SCC and alarm use: <ul style="list-style-type: none"> <li>• Operation Mode: 30 hours</li> <li>• Search Mode: 3 hours (auto-shutoff in 30 minutes)</li> </ul>
Environmental	Drop and water resistant
Wireless Communication	IEEE 802.15.4, 2.4 GHz, 18 mW
EMI	<ul style="list-style-type: none"> <li>▪ FCC Part 15; verified</li> <li>▪ Industry Canada (IC); verified</li> <li>▪ EU; CE</li> </ul>
Supported Features	<ul style="list-style-type: none"> <li>• Autonomous (Stand Alone) and Satellite Modes</li> <li>• Fast Entry Mode</li> <li>• Pause/Active Mode</li> <li>• Sleep</li> <li>• Alarms <ul style="list-style-type: none"> <li>▪ Dose pre-alarm, dose alarm</li> <li>▪ Dose rate pre-alarm, dose rate alarm</li> <li>▪ Time alarm</li> <li>▪ Remaining Time Alarm</li> <li>▪ Dose Saturation</li> <li>▪ Dose Rate Saturation</li> <li>▪ Chirp Rate</li> </ul> </li> <li>• Faults <ul style="list-style-type: none"> <li>▪ Blank screen (dead battery)</li> <li>▪ Optical</li> <li>▪ Pulse</li> <li>▪ Detector</li> <li>▪ Memory</li> <li>▪ Historical</li> <li>▪ Shock</li> <li>▪ Buzzer/Speaker</li> <li>▪ Defective battery/Power Loss</li> <li>▪ Low battery (simulated)</li> <li>▪ Low battery (actual)</li> </ul> </li> </ul>
SCC Application	Available from Windows Store, runs on Windows 10® tablet with USB Dongle
Manual Control Max Devices	32
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.

### SIM-Teq® 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.