



**SIM-TEQ™ SIMULATION TECHNOLOGIES**

# TelepoleTD

*Telepole Training Device*

## FEATURES

- Simulated probe connects to real Mirion Telepole I telescoping gamma survey meter
- Automatic and manual simulated dose rate input to instrument
- Realistic response to changes in dose rate
- All controls and alarm conditions are functional
- Works with WRM2™ Telemetry
- Simulates “Manual High Range” mode
- Operates independently with any SIM-Teq TWR Source, OR manually controlled by instructor via SCC.
- Simulated Probe looks and responds like the real meter probe
- Display Range up to saturation (0.05mR/h – 999R/h)
- Response performance characterized from real instrument
- All pushbuttons, LED light, multi-layered menu and display remain functional
- NO calibration (requires calibration factors to be set at 1.00 on all F factors)

## TRAIN WORKERS TO

- Respond to dose rates based on distance to one or more TWR “Live” Sources
- Hear audible click rate as radiation levels change
- Operate all device controls
- Recognize device faults and failures

Physical Dimensions	9" height x 1.75" diameter
Power Requirements	Internal Lithium Ion Rechargeable Battery
Battery Life	Up to 8 hours
Environmental	Drop resistant
Wireless Communication	IEEE 802.15.4, 2.4 GHz, 0.44 mW UWB (ultra-wide band) 6.4 GHz (6.2-6.7 GHz), <0.001 mW
EMI	<ul style="list-style-type: none"> <li>• FCC Part 15 Subpart B, Class A; verified</li> <li>• Industry Canada RSS -220 Issue 1; verified</li> <li>• EU; CE approved</li> </ul>
Range of Operation	100 ft. line of sight. Depending upon material composition, obstructions may reduce operational distance. (For both manual and auto dose rate input)
Control Options	<ul style="list-style-type: none"> <li>• Automatically responds to any SIM-Teq TWR Source (omni-directional)</li> <li>• Manual control via Simulation Control Center (SCC) application available from Windows Store, runs on Windows 10® tablet with SIM-Teq USB Dongle. Features include; <ul style="list-style-type: none"> <li>- Manual control of dose rate input</li> <li>- Continuous display of current measurement from training meter</li> <li>- Swap between manual control and auto-response to simulated source</li> </ul> </li> </ul>

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

**SIM-Teq™ Features:**

- Easy to set up.
- SCC application operates on any Windows 10® tablet with a USB Dongle and up to 32 simulator training devices
- Wireless direct control of devices through SCC or automatic response of devices to TWR “live” sources and Contamination Sources.
- Multiple models supported. Future training devices seamlessly added.
- Free SCC software updates provided via Microsoft Windows Store