



RDS-31TD

Model RDS-31 Survey Meter Training Device

RDS-31TD Features:

- Simulates most features and functions of the Mirion RDS-31 multi-purpose gamma survey meter
- Built with real RDS-31 hardware
- Provides all device controls
- Responds realistically to changes in doserate
- Supports OEM WRM2 wireless radio for remote monitoring
- Designed for manual or automatic dose rate input

Train Your Radworkers To:

- Respond to dose rates based on distance to one or more TWR “Live” Sources
- Understand $1/r^2$ principle
- Hear audible click rate as radiation levels change
- Operate all device controls
- Respond to audible and visual alarms
- Recognize device faults and failures

Train Your Remote Monitoring Staff To:

Respond to instrument conditions identified by TeleView Remote Monitoring Software

Instill the experience, self-assurance and real understanding you want your trainees to achieve – safely.

Radiation Safety & Control Services, Inc.
93 Ledge Road Seabrook, NH 03874
800-595-8339 * 603-778-2871
info@radsafety.com * www.radsafety.com



Specifications:

Model	RDS-31TD multi-purpose survey meter training device
Physical Dimensions	Same as Mirion RDS-31
Color	Mirion blue
Power Requirements	Same as Mirion RDS-31 <ul style="list-style-type: none"> (2) “AA” cell alkaline batteries
Battery Life	8 hours under normal operating conditions
Environmental	Same as Mirion RDS-31
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"> FCC Part 15 Subpart B, Class A; verified Industry Canada RSS -220 Issue 1 EU; CE
Features	<ul style="list-style-type: none"> Operates independently with any SIM-Teq TWR Source, OR manually controlled by instructor Mirion OEM external components – looks, feels and responds like the real meter Display Range: 10 μSv – 100 Sv/h (1 mrem/hr – 1,000 rem/hr) and simulated saturation Dose measurement Range: 10 μSv – 200 Sv (1 mrem – 20,000 rem) Configurable units and audible, visual and vibration alarm Functional pushbuttons, light, and battery indication features Supports OEM WRM2 radio transmitter for remote monitoring NO calibration or setup required
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 Methods	<ul style="list-style-type: none"> Automatically responds to any SIM-Teq TWR Source 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"> Manual control of dose rate input Continuous display of current measurement from training meter Swap between manual control and auto-response to simulated source Up to 8 training meters independently auto-respond to up to 8 TWR Sources

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 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.
- Multiple models supported. Future training devices seamlessly added.
- Free SCC software updates provided via Microsoft Windows Store.