



Innovator In Spectroscopy Equipment

REAL TIME MONITORING SYSTEM MODEL RTMS2115





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Features:

- Centralization of threat data from multiple sources
 - Detects, analyzes, and locates all radiation threats
 - Highly sensitive probes provide fast detection of hidden radioactive sources
 - Reduces innocent alarms and enhances sensitivity through the use of NBR technology
 - Modular, rugged design
 - Ease of maintenance
 - Secure wireless communications
 - Self-diagnostic capabilities
 - No radioactive sources required for proper operation
 - Supports multiple detector types
 - Highly-scalable, flexible platform which provides a clear path to additional centralized detection and analysis
- Multiple power options; battery power up to 3 hours and Vehicle AC power enabled(optional)



Rugged Design



Lab Design

Description:

Protect your facilities, personnel and the public with fast detection of concealed radioactive sources using a real time radiation threat detection network. The CFP RTMS Real Time Monitoring Systems) Kit is a Real time state-of-the-art System that detects locates and facilitates analysis of radiation threats in real time. Incorporating robust RS422 or LAN connectivity, The CFP RTMS Kit can expand to integrate a large number of sensors, enabling comprehensive threat assessment over large areas.

The CFP RTMS system incorporates Natural Background Rejection (NBR) Technology, greatly reducing innocent alarms. NBR quickly distinguishes between natural radiation and artificial sources, using an intelligent self-calibrating process. NBR also greatly enhances sensitivity to real threats, even in the presence of high NORM levels (Naturally Occurring Radioactive Materials).

ility to set up an impenetrable radiation barrier that can cover the spectrum of threatening artificial sources. A fixed or mobile detector network can be flexibly configured and reconfigured as the situation and detection objectives dictate. Its central unit (image here above) consists of an industrial PC Windows CEo the operator can manage directly the touch screens to modify the parameter thresholds. It is equipped with a large 7" display for status, alarms and measured data visualization: alphanumeric display for measured data & acoustic/visual alarms.



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Specifications:

- Audible Alarm: Real time data completely customizable alarm settings for all activities
- Communication Details: Signal distribution up to 100meter
- Sensitivity: Radiation response dependent on detector combination implement
- Backup Battery(optional), Battery power up to 3 hours (Incorporating Smart Battery Management Technology) Vehicle AC power enabled
- Compatibility: View Point Enterprise
- Connections: Connection [s] direct, wireless, 2.4GHz/900MHz, secure, communications (optional just in adaptor mode)
- Detectors: Expandable platform over multiple detectors
- Includes: Mapping data ESRI Shape file compatible
- Power supply: 90-260 VAC; Frequency: 50-60 Hz; Power consumption: 5 W
- Dimensions: 270 (w) x 40 (d) x 160 (h) mm

Electrical and Mechanical Power Required:

- **Typical Power Requirements**
 - Power input: 12V-2A DC power the system can provide USB with 500mA
- **Physical**
 - Weight: Net: 1 kg & Shipping:3 kg
 - Size: 270 mm x 40 mm x 160 mm (W x T x H) Lab Design Data Logger System
 - Size: 150 mm x 90 mm x 120 mm (W x T x H) Rugged Design Remote system

Application:

- Municipalities
- Nuclear / chemical plants and other critical facilities
- Special events
- Nuclear Plants
- Special Events

Software:

- Network supervision
- Real time measurement graphics
- Measurement database
- Statistic elaboration of the data
- Event log visualization (chronological list of events)
- Software automatic recovery after shutdown - no data loss
- Reports (with printer connection)
- Automatic back-up and access safety policy (password)
- Remote control via Ethernet for service and support (through VPN)
- Twenty (20) map of the Lab for easy probes visualization/localization
- Software calibration routine



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Standard Accessories:

- PRM2415 with Lab Logger
- Logger software
- User guide DVD
- Delivered in hard case with foam insert
- Server free for 10 Packs



Geiger



Optional Accessories:

- NaI(Tl) Detectors 1", 2", 3" (DGRS)
- PRM2415A (CZT)
- Custom design

NaI



1" - 2"



1" - 2"



2" - 3"



2" - 3" - 5"



CZT



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