



FEATURES...

The RADOS RTM860TS features class-leading performance utilizing TwoStep™ measurement for optimal performance. User selectable detection of alpha/beta and optional beta/gamma and alpha/beta/gamma.

It features:

- Various detector configurations
- Large choice of options
- Modern, PC supported measurement electronics
- Designed for performance in nuclear environments
- Proven measurement concept

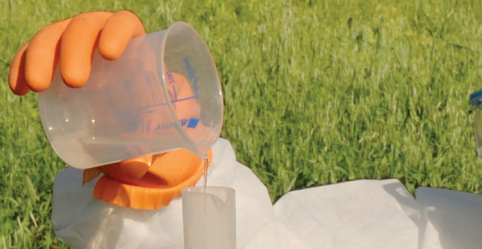
RADOS RTM860TS

Whole Body Contamination Monitor

The RADOS CheckPoint:Body™ family member RTM860TS in its 5th generation is designed for personnel contamination and internal contamination screening at check points, such as controlled area exits.

The RADOS RTM860TS body contamination monitor checks the entire body for contamination as personnel leave the radiologically controlled area. It is typically used in nuclear power plants, research reactors and in waste management facilities.

The combination of the unique patented split delta geometry and the TwoStep™ process, paired with reliable measurement electronics and software, makes the RTM860TS the best performing monitor in its class.



health physics

A Mirion Technologies Division

Featuring:

RADOS

TECHNICAL SPECIFICATIONS:**Overview of Features**

- Comprehensive body coverage with alpha/beta detectors
 - gas flow proportional detectors for alpha and beta contamination either simultaneously detected or discriminated (as option)
 - class leading homogeneity of detector response by minimized dead zones
 - patented split delta geometry for uniform sensitivity profile
 - up to 67 available measurement channels in total allow a variety of detector options (e.g. small items boxes or gamma detectors)
 - various choices in protective grids offer opportunity to optimize either for sensitivity or for detector protection
- Large choice of options (doors, barriers, small item boxes, card readers, dosimetry reader interface ...)
- Modern, PC supported measurement electronics
 - real time, multitasking operating system QNX6
 - graphical user interface, calibration tool, various optional applications (P² accelerator, detector test etc.)
 - voice guidance in two dozen languages
 - various interfaces (USB, LAN, CD)
- Designed for performance in nuclear environments
 - design conform to new IEC 61098
 - stainless steel housing, easily decontaminated, easy maintenance
- Proven measurement concept
 - automatic correction of background reduction
 - automatic adjustment of measurement time
 - display of measurement values (cps, dpm, cpm, Bq, nCi, Bq/cm², kBq/m²) with nuclide pre-selection

Customer Benefits

Particular benefits of the monitor are:

- Quick and easy operation with robust performance
 - software on the basis of the real-time QNX operating system proven in many industrial applications
 - optional P² accelerator reduces measurement time up to 30%
- Designed for low cost of operation and easy maintenance
 - maintenance software tools common over the CheckPoint:Body™ family of monitors
 - quick flushing system as standard allows restart of system after repair of punctured detectors within minutes
- Ability to network
 - TCP/IP ability
 - optional link up with CeMoSys™ server for centralised monitoring

References

The RTM860TS monitor of the CheckPoint:Body™ family is the ideal monitor to control the exit points from controlled areas in nuclear facilities with:

- potential alpha and beta contamination (gamma as option)
- high throughput requirements

Since norms, specifications and designs are subject to occasional change, please ask for confirmation of the information given in this publication.

© Copyright 2008, All rights reserved. For trademark and registered trademark information. The copyright in this work is the exclusive property of Mirion Technologies (RADOS) GmbH and is protected under the laws of Germany and other countries worldwide.



MIRION Health Physics
TECHNOLOGIES Division

www.mirion.com

7NUC_RT860_Y015-027E_3_FL

Mirion Technologies (MGPI) Inc
5000 Highlands Parkway
Suite 150
Smyrna Georgia 30082
USA
T +1.770.432.2744
F +1.770.432.9179

Mirion Technologies (MGPI) SA
BP 1
F-13113 Lamanon
France
T +33 (0) 4 90 59 59 59
F +33 (0) 4 90 59 55 18

Mirion Technologies (RADOS) Oy
P.O. Box 506
FIN-20101 Turku
Finland
T +358 2 4684 600
F +358 2 4684 601

Mirion Technologies (RADOS) GmbH
Ruhrstrasse 49
D-22761 Hamburg
Germany
T +49 40 85193 0
F +49 40 85193 256