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TECHNOLOGIES

RADOS RTM610  
Compact Clearance Monitor  
CheckPoint:Waste™ family



## FEATURES...

The RADOS RTM610 compact clearance monitor for quick integral gamma measurement features:

- 6 Plastic Scintillation Detectors arranged in a  $4\pi$  measurement geometry
- selection of pre-defined types of measurement material
- comfortable front loading of measurement chamber (interlocking door on the opposite side as option)
- graphical display of activity position and activity distribution

## RADOS RTM610

### Compact Clearance Monitor

The RADOS RTM610 compact clearance monitor of the CheckPoint:Waste™ family is a stand-alone system with integrated measurement electronics for the measurement of contamination on small items and other parts.

The RTM610 features a front door for the loading and unloading or in the two door version an interlocking front and back door system. The interlock mechanism is designed to prevent the export of items above a pre-set activity limit from the controlled area.

The system is based on an industrial personal computer. Extremely robust, real time and multi-tasking Unix-based operating system, designed for highest performance in process control with an intuitive graphical user interface for greatest ease of use.

health physics

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Featuring:

**RADOS**

## TECHNICAL SPECIFICATIONS:

### Overview of Features

- Fast integral gamma measurement in compact and shielded measurement chamber with integrated weight scales
- Monitor software on the basis of real time multitasking operating system QNX
  - fast reliable operation
  - selection of material categories supported by integrated picture library
  - graphic representation of activity distribution
  - optional software modules
- Calibration menus for various materials and nuclides
- Designed for performance in nuclear environments
  - Painted mild steel housing, easily decontaminated, easy maintenance

### Customer Benefits

- High throughput
  - fast integral measurement
  - compact measurement chamber
- Easy operation
  - pre-selectable materials
  - graphical user guidance and representation of result
- Optional additions to fit for purpose
  - 2<sup>nd</sup> door with interlock system
  - various software modules for calibration and waste management purposes
  - choice of printers, barcode scanners, or un-interruptable power supply
- Reliable
  - Software on the basis of the real-time QNX operating system proven in many industrial applications and generations of RADOS monitors.
  - Low cost of operation and maintenance
- Ability to network
  - TCP/IP ability
  - Optional link up with CeMoSys™ server for centralised monitoring

### References

- RADOS clearance monitors are market leading in Germany, Europe and many countries worldwide
- The compact RTM610 monitor of the CheckPoint:Waste™ family is ideally suited to monitor small items and tools at the exit points from controlled areas in nuclear facilities
- The RTM610 is also very well suited to support small scale waste release campaigns.

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

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