



RTM610

Tool & Object Monitor



Nuclear
Power



Homeland
Security
& Defense



Industrial and
Manufacturing



Healthcare



Labs and
Education

OVERVIEW

The RTM610 is a compact clearance monitor, a stand-alone system with integrated measurement electronics for the measurement of contamination on small items.

The RTM610 features a front door for the loading and unloading or in an optional 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.

KEY FEATURES

- 6 plastic-scintillation detectors arranged in a 4π measurement geometry
- Selection of predefined categories of measurement material possible
- Comfortable front loading of measurement chamber (interlocking door on the opposite side as option)
- Graphical display of activity position and activity distribution
- Low cost of operation and maintenance

OVERVIEW OF FEATURES

- Fast integral gamma measurement in compact and shielded measurement chamber with integrated weight scales
- Selection of material categories supported by integrated picture library
- Graphic representation of activity distribution
- Calibration menus for various materials and nuclides
- Designed for performance in nuclear environments: painted mild steel housing, easily decontaminated

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

- 2nd door with interlock system
- choice of (label) printers, barcode scanners
- Link-up with CeMoSys™ server for centralised monitoring
- various software modules for
 - calibration
 - detector test
 - system check
 - nuclide vector

Ability to network

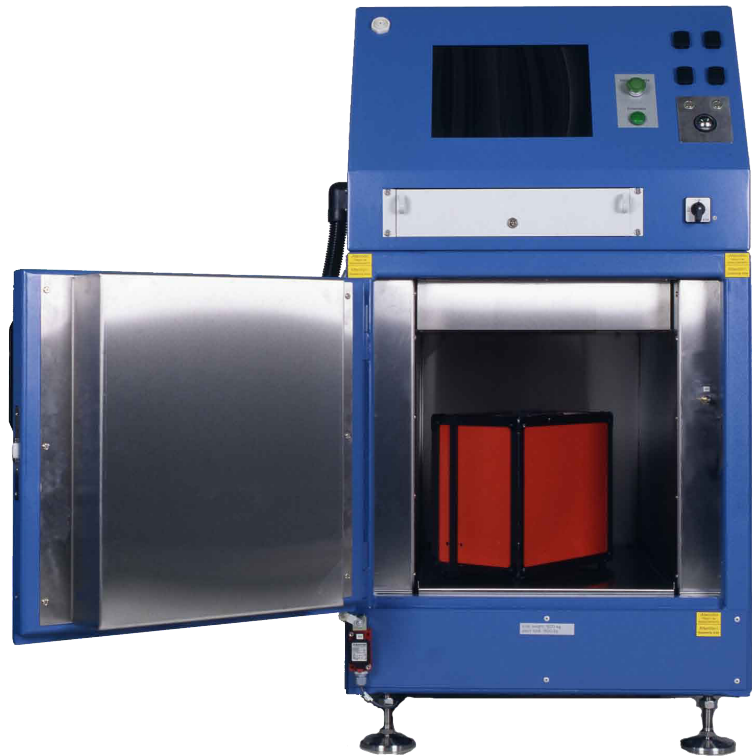
- TCP/IP ability

Uninterruptable power supply

REFERENCES

Mirion clearance monitors are market leading in Germany, Europe and many countries worldwide.

The compact RTM610 monitor 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.



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