

INTEGRATED HIGH PERFORMANCE RADIATION DETECTION FOR WALK-THROUGH METAL DETECTORS.

AUTOMATICALLY DETECTS RADIOACTIVE MATERIALS

DETECTS GAMMA AND NEUTRON RADIATION

PERFORMANCE MEETS REGULATORY STANDARDS

SIMULTANEOUS METAL DETECTION CAPABILITY MAINTAINED

MARKETS

- Aviation
- Critical Infrastructure
 - Nuclear Power Plants
 - Nuclear Research Facilities
 - Government Facilities
- Customs and Border Protection
- Event Security
- Defense
- Law Enforcement



RAPISCAN'S METOR WALK-THROUGH METAL DETECTORS ARE AVAILABLE WITH OPTIONAL RADIATION DETECTION CAPABILITIES IN A SINGLE INTEGRATED SYSTEM FOR PEOPLE SCREENING.

SIMULTANEOUS METAL DETECTION CAPABILITY MAINTAINED

Rapiscan's Metor walk-through metal detectors are available with optional radiation detection capabilities in a single integrated system for people screening. Rapiscan's proven radiation inspection technology detects gamma radiation and optionally neutron radiation from a wide range of radioactive materials. The radiation detection performance meets the requirements of applicable standards for pedestrian security inspection. With the radiation detection option, people are automatically inspected for both metallic and radioactive materials as they walk through the unit. The user-friendly inspection operation is the same as for metal detection alone. Radiation inspection alarms are clearly signaled visually and audibly. The radiation detection option is available with a new Metor walk-through metal detector unit or as a field upgradeable enhancement to a deployed unit.

AUTOMATICALLY DETECTS RADIOACTIVE MATERIALS

The Metor radiation detection capability automatically detects gamma and optionally neutron radiation from a wide range of radioactive materials, including industrial, medical and special nuclear materials.

RADIATION DETECTION MEETS STANDARDS

The gamma radiation detection performance meets the requirements of ANSI, IEC standards for pedestrian security inspection.

PROVEN RELIABLE RADIATION INSPECTION TECHNOLOGY

Rapiscan's radiation inspection technology has been proven in the reliable operation of thousands of Rapiscan radiation monitors deployed in more than 50 countries.

FULLY INTEGRATED WITH METOR WALK-THROUGH METAL DETECTORS

The addition of radiation inspection makes no changes to the Metor walk-through metal detector capabilities and people screening operation. The integrated unit fits in the same space with no modification of the screening checkpoint. Because the Rapiscan radiation detection technology ignores scattered X-rays, the unit can be located near a checkpoint X-ray scanner.

METOR RADIATION DETECTION

Rapiscan[®]
systems
An OSI Systems Company



SPECIFICATIONS

Integrated with Metor 6M/6E

| | |
|-----------------|--|
| External Depth | 70cm (28in) |
| External Height | 230cm (90.6in) |
| External Width | 102cm (40in) or 107cm (42in) for ADA compliant model |
| Weight | |
| Metor 6M | 127kg (280lb) gamma; 136kg (300lb) gamma-neutron |
| Metor 6E | 131kg (282lb) gamma; 140kg (302lb) gamma-neutron |

PERFORMANCE SPECIFICATIONS

| | |
|---------------------|---|
| Radiation Detection | Meets ANSI N42.35 and IEC 62244 for gamma radiation detection |
| Isotope Detection | Detects isotopes defined in standards |
| Background | Monitors and adjusts for background |
| Detection Coverage | Full height of person |

OPERATION

| | |
|-----------------|--------------------------------------|
| Inspection Mode | Walk-through at standard pace |
| Alarms | Signaled with lights and buzzer |
| Power | 12VDC supplied from Metor 6M/ 6E/ 6S |

OPERATING ENVIRONMENT

| | |
|---------------|------------------------------|
| Temperature | -20°C to 50°C |
| Humidity | 0 to 95% non-condensing |
| Environment | IP41 |
| Safety | CE certified |
| Compatibility | Metor 6M, Metor 6E, Metor 6S |

CONFIGURATIONS

| | |
|-----------------------------|---|
| Gamma Detection | Metor 6M, 6E, 6S with gamma radiation detection |
| Gamma and Neutron Detection | Metor 6M, 6E, 6S with gamma and neutron radiation detection |

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Rapiscan Systems is ISO 9001:2008 Certified

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