

Mobile Radiation Detector - SCINTO

Article No.: 1070006



DESCRIPTON

For security check of the presence of radioactivity, it is important to get quick results. Using a NaI-scintillation detector, the SCINTO provides fast and high-sensitive dose rate measuring. This enables the use of the SCINTO for reliable measurement and radiation detection in settings with a fluctuating background.



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FIELDS OF APPLICATION

- to check people or transports, vehicles or goods for the presence of radioactivity, e.g. due to customs control or general security reasons.
- to locate and segregate very precisely radioactive material or radiation sources in a truckload or in a railcar after an alarm was generated by a stationary system.
- to check safe-deposit box plants in banks.
- to check non-identified packets, e.g. before opening.
- for checking in recycling areas.
- to find the location of smoke ionisation detectors after a fire in a building.

SYSTEM CHARACTERISTICS

- Digital display of dose rate
- Detection of x-ray and y-radiation in the energy range of 25 keV – 1,3 MeV
- Version A: with 1x1,5" NaI-detector, dose rate measurement: 40 nSv/h – 500 µSv/h
- Version B: with 2x2" NaI-detector, dose rate measurement: 40 nSv/h – 200 µSv/h
- 3 definable alarm thresholds, optical and acoustic alarm.
- Data storage (750 data records)
- Serial interface for connection to a standard PC system
- Remote data transmission possible
- Easy to operate, immediately ready for use, quick response time
- Temperature range: -20°C to +50°C
- Battery operation

DIMENSIONS & WEIGHT

Packing size: 47 x 32 x 24 cm

Weight: approx. 5.5 kg net – 6.1 kg gross