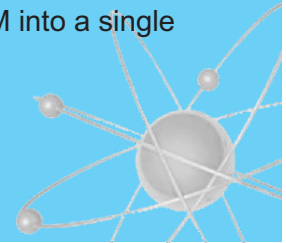


AT2329B Baggage Radiation Monitor



Features

- Sound and light alarms for exceeded threshold levels
- Occupancy sensor to reduce false alarm period
- Self-testing of component parts
- Logging of count rate levels and cases of threshold crossing events
- Backup power source continuous operation for not less than 8 hours
- PC-connectivity via Ethernet interface to allow integration of RPM into a single network



The AT2329B Radiation Monitor is a state-of-the-art highly sensitive fixed system for continuous radiation monitoring to detect gamma radiation sources in baggage and postal items on a moving conveyor belt.

The system consists of a measuring unit mounted on posts above the detection zone, ranging in height from 0.7 m to 1.5 m. Smart detection unit with its large volume detector and sophisticated software algorithms enables fast and accurate detection of radiation sources. Sound and light alarms follow the detection and recording of any data collected on entering the detection zone, including captured video, is provided at all times.

Specification

Radiation monitor type	Baggage and postal
Gamma detector	Plastic scintillator
Detection threshold (For detection zone height of 0.7 m and a speed of 5 km/h)	465 kBq (Am-241) 56 kBq (Ba-133) 56 kBq (Cs-137) 29 kBq (Co-60) 58 kBq (Co-58)
Energy range	50 keV – 3 MeV
Alarm	sound and light alarm
Power supply	1) Mains: 110-230 VAC, 50-60 Hz 2) Rechargeable battery for emergency power
Continuous battery operation time	≥8 h
Protection class	IP54
Operation temperature range	-30°C to +55°C (-22°F to 131°F)
External dimensions (not more)	2300x2000x800 mm
Weight (not more)	320 kg

Design and specifications are subject to change without notice