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DCM-300

DOCUMENT CONTAMINATION MONITOR



MAIN ADVANTAGES

- Optimized detection of document contamination
- User-friendly interface
- Automatic measurement process

PURPOSE

DCM-300 document contamination monitors are able to detect contamination with beta / gamma-emitting radionuclides. Typical uses are at the borders of radiation controlled areas in nuclear facilities.

The monitor includes a pull-out tray where the measured documents are loaded. Documents can be loaded into the monitor from both sides. The monitor can be advantageously used installed in the wall at the boundary of the controlled area.

A digital display and indicating lights on the front panel show the status of the unit and readout of detected contamination.

DESCRIPTION

Name	Contamination detection
DCM-300F	beta + gamma
DCM-300G	gamma

SPECIFICATION

Detector type	plastic scintillator
Active area	704 cm ²
Dimensions (W × H × D)	372 × 544 × 335 mm
Weight	90 kg
Power supply	230 V AC / 50 Hz
Operational temperature	from +5 to +50 °C
Operational humidity	max. 80% noncond.
Units	% of the alarm level

EXAMPLE OF RADIOMETRIC PARAMETERS

Model	Radionuclide	MDA [Bq]
DCM-300F	¹³⁷ Cs	60
	⁹⁰ Sr + ⁹⁰ Y	90
DCM-300G	¹³⁷ Cs	120



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Specification subject to change without prior written notice.

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