

Document Contamination Monitor DCM-300D



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Purpose

DCM-300D document contamination monitor is intended for detection of gamma contamination of documents. It can be used in wide range of facilities.

Description

Measured documents are inserted into the measuring tray which is mounted on rails. Stack of documents must not exceed height of the tray. When the door is closed the measurement is started automatically. Display on front side shows status of unit or information about contamination of measured documents.

Ordering data

Type	Description
K1227-xx	DCM-300D Document Contamination Monitor

Common specification

Detector	2x plastic scintillator
Measuring range	25 ~ 100000 cps
Energy range	60keV ~ 1.5 MeV
MDA for ¹³⁷ Cs	120 Bq
Dimensions (WxHxD)	544 x 372 x 335 mm (21.4 x 14.6 x 13.2 in)
Dimensions (WxHxD) inner	335 x 244 x 30 mm (13.1 x 9.6 x 1.2 in)
Dimensions (WxHxD) detector	350 x 250 x 50 mm (13.8 x 9.9 x 2 in)
Shielding	25mm (1 in) Lead
Weight	about 90kg (200 lb)
Power supply	24V DC 0.5A

Operating temperature range:	5 ~ 45°C (41 ~ 113°F)
Operating relative humidity:	20 ~ 85% (non cond.)

Contact address

Czech Republic

VF, a.s., nám. Míru 50
CZ 679 21 Černá Hora
tel. +420 516 428 611
fax +420 516 428 610
info@vf.eu

Slovak Republic

VF, s.r.o., M. R. Štefánika 9
SK 010 02 Žilina
tel. +421 415 072 411
fax +421 415 072 410
info@vf.eu

