



DCM-200mP

Digital Contamination Monitor



- Rugged and compact design, thick rubber protective cover, Light weight
- Large TFT LCD with backlight for outdoor readability
- Comfortable, Sturdy and Light weight Handheld Detector
- Internal memory to store 60 hours to continuous data measurements

APPLICATIONS

- Nuclear Power Industry
- Radiography
- Radiation Protection
- Environmental Survey / Health Physics Labs
- Steel and Metal Recycle / Scrap Industry

SCOPE

- DCM200mP is a micro-controller based, battery operated and Light weight instrument for measurement of Contamination of Alpha, Beta and Gamma rays in Metal and Environment.
- It uses End Window Pan Cake GM Tube for detection of Alpha, Beta, Gamma and X-rays particles.
- The GM tube is connected to DCM through External Cable of 1 mtr length.
- The Pan cake is mounted in light weight, comfort fit hand held enclosure thus enabling easy and precise measurement.
- It saves data of Doserate and dose continuously with Date and Time stamp. Data can be viewed by PC Software through USB Communication.
- Audible and visual alarm indication is given by Red LED and Buzzer.

SPECIFICATION

	DCM-200MP
GeM ID	5116877-30686249448
DETECTOR USED	Externally Connected Pan Cake GM Tube with 1 meter cable
RADIATION DETECTION	Alpha, Beta, Gamma & X-ray
ENERGY DETECTION RANGE	48 KeV to 3 MeV
DOSE RATE RANGE	0.01 mR/h to 200 mR/h
	0.1 μ Sv/h to 2 mSv/h
	0.1 μ Gy/h to 2 mGy/h
SURFACE CONTAMINATION	0.01 to 99.99 Bq/cm ²
DOSE RANGE	0.01 mR to 10 R
DOSE RATE LINEARITY	\pm 15% with Co60
DISPLAY UNITS	R/h, Sv/h, Gy/h, rem, CPS, CPM, Bq, Bq/cm ²
DISPLAY	2.8" Graphic TFT
ALARMS	User Configurable Audio and Visual Alarm through the entire range. OL - Over load OR - Over range DET - Detector Fail ETH - High Voltage Fail
DATA STORAGE	60 hours / 4000 data points of storage of Dose Rate with timestamp which can be read through PC Software and accumulated dose
OPERATION TIME	100 Hours
BATTERY	4 AAA batteries (Alkaline or Rechargeable)
OPERATING TEMPERATURE	-10°C to 50°C
CONSTRUCTION	ABS Plastic
WEIGHT	550 gm with batteries and external sensor
DIMENSION	76 mm x 27 mm x 135 mm
COMMUNICATION	Micro USB
STANDARD ACCESSORIES	External Sensor in Aluminium Housing
	1 Meter Cable for External Sensor
	Beta Blocker
	Silicone Cover
	Carry Case
	USB Cable for PC communication
	4xAAA Alkaline Batteries
	Pendrive for PC Communication with User Manual
	RadMan PC Software License
ORDER CODE	VNIM0012

OPTIONAL ACCESSORIES

Optional Accessories	Order Code
Shock-Proof Silicone Case for Survey meter	VNIA0095
Alpha Blocker for DCM-200mP	VNIA0099
4 x AAA Rechargeable Battery + Charger	VNIA0098
Extended Warranty for 2 Years	VNF2A014