DSM

Digital Survey Meter
Dose Rate & Dose Meter

SALIENT FEATURES

- Rugged and compact design, thick rubber protective cover, Light weight
- 2 in 1 Survey Meter and Dosimeter
- Large TFT LCD with backlight for outdoor readability
- Internal memory to store 60 hours to continuous data measurements

APPLICATIONS

- Nuclear Power Industry
- Radiography
- Radiation Protection
- Environmental Survey / Health Physics Labs
- Civil / Defense
- Industrial

SCOPE

- DSM series are rugged and light weight instruments designed for quick and reliable gamma & X-ray doserate and dose measurement.
- It serves the functions of both Dose rate and Dose meter in single device. Separate alarm thresholds are available for Dose rate and Dose.
- Easy menu driven interface.
- Audible and visual alarm indication is given by Red LED and Buzzer.
- It saves data of Doserate and dose continuously with Date and Time stamp. Data can be viewed by PC Software through USB Communication.

SPECIFICATION

	DSM - 1	DSM - 10i
GeM ID	5116877-51193423831	5116877-72889202125
DETECTOR USED	Internally Mounted Energy Compensated GM Tube	
RADIATION DETECTION	gamma & X-ray	
ENERGY DETECTION RANGE	48 KeV to 3 MeV	
DOSE RATE RANGE	0.01 mR/h to 1 R/h	0.1 mR/h to 10 R/h
	0.1 μSv/h to 10 mSv/h	1 µSv/h to 100 mSv/h
	0.1 μGy/h to 10 mGy/h	1 μGy/h to 100 mGy/h
DOSE RANGE	0.01 mR to 1000 R	
DOSE RATE LINEARITY	± 15% with Co60	
DISPLAY UNITS	R/h, Sv/h, Gy/h, rem, CPS, CPM	
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 EHT - 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 Rechargable)	
OPERATING TEMPERATURE	-10°C to 50°C	
CONSTRUCTION	ABS Plastic	
WEIGHT	235 gm with batteries	
DIMENSION	76 mm x 27 mm x 135 mm	
COMMUNICATION	Micro USB	
PC SOFTWARE	RadMan PC Software	
STANDARD ACCESSORIES	Silicone Cover	
	Carry Case	
	USB Cable for PC communication	
	4xAAA Alkaline Batteries	
	USB Pendrive for PC communication with user manual	
	RadMan PC Software License	
	Wrist Strap	
ORDER CODE	VNIM0055	VNIM0016

OPTIONAL ACCESSORIES

Optional Accessories	Order Code
Shock-Proof Silicone Case for Survey meter	VNIA0095
4 x AAA Rechargable Battery + Charger	VNIA0098
Extended Warranty for 2 Years	VNF2A014

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