



# DSM-10E

Digital Survey Meter  
Dose Rate & Dose Meter



- 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 dose rate 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 Dose rate and dose continuously with Date and Time stamp. Data can be viewed by PC Software through USB Communication.

## SPECIFICATION

	DSM-10E
<b>DETECTOR USED</b>	Internally Mounted Highly Sensitive Energy Compensated GM Tube
<b>RADIATION DETECTION</b>	gamma & X-ray (sensitive to low energies X-ray)
<b>ENERGY DETECTION RANGE</b>	48 KeV to 3 MeV
<b>DOSE RATE RANGE</b>	0.01 mR/h to 10 R/h
	0.1 $\mu$ Sv/h to 100 mSv/h
	0.1 $\mu$ Gy/h to 100 mGy/h
<b>DOSE RANGE</b>	0.01 mR to 1000 R
<b>DOSE RATE LINEARITY</b>	$\pm$ 10% with Co60
<b>DISPLAY UNITS</b>	R/h, Sv/h, Gy/h, rem, CPS, CPM
<b>DISPLAY</b>	2.8" Graphic TFT
<b>ALARMS</b>	User Configurable Audio and Visual Alarm through the entire range. OL - Over load OR - Over range DET - Detector Fail EHT - High Voltage Fail
<b>DATA STORAGE</b>	60 hours / 4000 data points of storage of Dose Rate with timestamp which can be read through PC Software and accumulated dose
<b>OPERATION TIME</b>	100 Hours
<b>BATTERY</b>	4 AAA batteries (Alkaline or Rechargeable)
<b>OPERATING TEMPERATURE</b>	-10°C to 50°C
<b>CONSTRUCTION</b>	ABS Plastic
<b>WEIGHT</b>	235 gm with batteries
<b>DIMENSION</b>	76 mm x 27 mm x 135 mm
<b>COMMUNICATION</b>	Micro USB
<b>PC SOFTWARE</b>	RadMan PC Software
<b>STANDARD ACCESSORIES</b>	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
<b>ORDER CODE</b>	VNIM0075

## OPTIONAL ACCESSORIES

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