



# **SGX**

**Smart Gamma Probe**



- Stand Alone or Compatible with DZM- M5 Area Radiation Monitor
- Suitable for Remote measurements
- Rugged and durable S.S. Housing

## SCOPE

- Smart Gamma Probe is housed in S.S. Chassis with microcontroller and necessary electronics.
- Data / Dose rate logging is done through digital communication protocol.
- SGX Series Probes can be used independently or it is compatible with DZM-M5 series.
- Main feature of SGX Series is for Remote sensing application

## SPECIFICATIONS

	SGX - 10m	SGX - 100m	SGX - 1	SGX - 10	SGX - 1K	SGX - 1KD
DETECTOR USED	Energy Compensated GM tube					Two Energy Compensated GM Tubes for Low and High Range
RADIATION DETECTION	gamma & X-ray					
ENERGY DETECTION RANGE	48 KeV to 3 MeV					
DOSE RATE RANGE	0.001 mR/h to 10 mR/h	0.01 mR/h to 100 mR/h	0.01 mR/h to 1000 mR/h	0.1 mR/h to 10000 mR/h	1 mR/h to 1000 R/h	0.001 mR/h to 1000 R/h
DOSE RATE LINEARITY	± 15% with Co60					
POWER REQUIREMENT	External +12V DC					
OPERATING TEMPERATURE	-10°C to 75°C					
CONSTRUCTION	S.S housing with IP65 Ingress Protection					
DIMENSION	280(L) x 42(D) mm	175(L) x 36(D) mm				
WEIGHT	-	380 gms				
CONNECTOR	4 Pin MIC Digital Connector					
CABLE	1m to 25 m					
STANDARD ACCESSORIES	Pendrive for PC Communication					
	Wall mount bracket					
ORDER CODE	VNIM0051	VNIM0052	VNIM0053	VNIM0054	VNIM0070	VNIM0071

## OPTIONAL ACCESSORIES

Optional Accessories	Order Code
10 Meter Cable	VNIA0107
Custom Length Cable	VNIA0108
Extended Warranty for 2 Years	VNF2A014