



DCI-10P

Digital Survey Meter



- ♦ Rugged and compact design, thick rubber protective cover, Light weight
- ♦ 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
- ♦ Steel and Metal Recycle / Scrap Industry

SCOPE

- ◆ DCI-10P is a micro-controller based, battery operated and Light weight instrument for measurement of Contamination of Alpha, Beta and Doserate measurement of Gamma rays in Metal and Environment.
- ◆ It measures a Doserate range from 0.01 mR/h to 10 R/h.
- ◆ It uses Mica Window Pan Cake GM Tube for detection of Alpha, Beta, Gamma and X-rays particles
- ◆ The Pan Cake GM tube is mounted internally inside the readout unit
- ◆ 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

SPECIFICATION OF MODEL	DCI-10P
DETECTOR USED	Internally connected Pan Cake GM Tube
RADIATION DETECTION	Alpha, Beta, Gamma & X-ray
ENERGY DETECTION RANGE	48 KeV to 3 MeV
DOSE RATE RANGE	0.01 mR/h to 10 R/h
	0.1 μ Sv/h to 100mSv/h
	0.1 μ Gy/h to 100mGy/h
SURFACE CONTAMINATION	0.001 to 99.99 Bq/cm ²
DOSE RANGE	0.01 mR to 1000 R
DOSE RATE LINEARITY	$\pm$ 15% with Cs137 / 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
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	350gms including Batteries
DIMENSION	76 mm x 35 mm x 135 mm
COMMUNICATION	USB 'C'
PC SOFTWARE	RadMan PC Software
STANDARD ACCESSORIES	Silicone Cover
	Carry Case
	USB Cable for PC communication
	4xAAA Alkaline Batteries
	Pendrive for PC Communication with User Manual
	RadMan PC Software License

OPTIONAL ACCESSORIES

Optional Accessories	Order Code
4 x AAA Rechargeable Battery + Charger	VNIA0098
Extended Warranty for 2 Years	VNF2A014



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