

Annexure-I

1. Technical Specifications:

Radiation detected	Gamma / X-ray
Detector	Si photo diode
Display	4 digit 7 segment LCD display
Energy dependence	$\pm 25\%$ in the range of 60 Kev to 1.33 Mev
Range	Automatic
Dose	1 μ Sv to 999.9 mSv
Dose rate	0.1 μ Sv/hr to 99.99mSv/hr
Over range	100% over range compliant
Alarm Settings	a)Dose: 1 μ Sv to 999900 μ Sv. b)Dose rate: 1 μ Sv/h to 99990 μ Sv/h
Dose History	Facilitates storage of dose profile at adjustable time intervals.
Audio Alarm	1Hz alternating short beeps for dose rate and long beeps for dose alarm. Additionally vibration alert is provided for alarmannunciation.
PC connectivity	Optical port for communication with PC for configuration/ calibration.
Batteries	2x1.5V AA size alkaline /any batteries to provide a life of more than 2000 Hrs.
Battery status	Low battery indication on LCD
Control	A single push button for : a)Powering the unit ON/OFF. b)Viewing dose / doserate. c)Muting doserate / dosealarm.

Item

Consumable Items

→ X-ray
12.10.2021