

TECHNICAL SPECIFICATIONS FOR A POCKET DOSIMETER

Application/Use

Personal radiation dose monitoring

Standard Composition

- Detector
- Display
- Energy Range
- Energy Dependence
- Alarm Function
- Power Requirement
- Operating Conditions

Technical Specifications

		Bidder's Offer (Please check if available)
<i>Detector</i>	Silicon (Si) semiconductor	
<i>Display</i>	Digital	
	Dose Range: 0 to 2 mSv	
<i>Energy Range</i>	25 keV to 1.25 MeV (for gamma and x-rays)	
<i>Energy Dependence</i>	Not more than $\pm 20\%$ at 100 keV to 1.25 MeV	
<i>Alarm Function</i>	Pre-set dose alarm, voltage drop alarm	
<i>Power Requirement</i>	Battery operated	
<i>Operating Conditions</i>	Temperature: maximum of 45°C	
	Relative humidity: maximum of 90%	