

Sr No	Description/Specifications	A/U	Quantity
1	<p>X-ray source (Seifert RP 149 or equivalent) with tube and generator and control software (warranty minimum one year)</p> <p>Specifications: X-ray tube using a Tungsten target (peak 10 keV) Maximum power supply voltage: 50 kV Maximum tube current: 60 mA Dose rate variable up to above 9 Mrad(SiO₂)/hour Tube cooled with circulating water Beryllium window to seal the tube, thickness 0.25 mm</p> <p>Accessories:</p> <ul style="list-style-type: none"> • Aluminum filter of 0.15 mm • Quantrad PIN diode, with a sensitive depth of 25 μm for calibration • Laser pointer to align DUT with X-ray beam center • Dosimeters for measuring dose rate <p>Required: Installation, testing, commissioning and training are required.</p>	No	1
	• Aluminum filter of 0.15 mm	No	1
	• Quantrad PIN diode, with a sensitive depth of 25 μm for calibration	No	2
	• Laser pointer to align DUT with X-ray beam center	No	1
	• Dosimeters for measuring dose rate	No	2

- a) Required brands (where applicable, minimum 3 x brands).
- b) Specify if installation, testing, commissioning and training is required for machinery/equipment.
- c) Warranty requirement (where applicable).