

Sultan Qaboos University

Procurement Department



جامعة السلطان قابوس

دائرة المشتريات

REQUISITION FORM

Requisition Number:1234220034

Last Date for Submission:30/05/2022

S.N.	SQU Product Code	Description	Qty.	UOM	Remarks
1	EQUINSMIW0002	ULTRAMICROTOME	1	NOS	<p>Ultra cut microtome</p> <p>With the following specifications For Preparation of semi-thin and ultra-sections, as well as the perfectly smooth surface required for LM, TEM, SEM, and AFM examination with eucentric 180° swiveling microscope carrier with eucentric movement.</p> <p>"With eucentric of the stereomicroscope carrier (+5°/-8°) with designated positions for specimen approach, for glass and diamond knives.</p> <p>"Built in antivibration system</p> <p>"Ergonomic stereomicroscope system with unique lateral viewing control (Different available options).</p> <p>"Multi - LED illumination for standard illumination, back light illumination, specimen transillumination and spot light illumination. All are independently adjustable.</p> <p>"Cutting window adjustment from 0.2 mm dual automatic advance system with</p>

					<p>stepping motor for 200 um specimen advance.</p> <p>"Cutting speed: 0.1 to 100 mm/sec in 0.1 mm/sec increments ariable return speed over entire cutting speed range.</p> <p>"Fully motorized knife stage. Knife stage movement: 50 mm gross advance:</p> <ul style="list-style-type: none"> - 25 mm E-W travel - 12 mm N-S advance <p>"Making ultra-thin sections up to 40 nm thick or less.</p> <p>"Equipped with universal specimen holder.</p> <p>"Touch- sensitive control unit display.</p> <p>"Attached to digital color camera and pc.</p> <p>"High definition video package showing work area with built-in video measuring system.</p> <p>"Record & save video clip & still images.</p> <p>"No need for antivibration table.</p> <p>"No need for cryo attachment</p> <p>"Three DiATOME Ultra 45deg Diamond Knives of 3.0mm wide are required within the system to produce ultrathin sections of 30nm - 200nm.</p> <p>"Ultramicrotme accessories tools box:</p> <p>"Flat and round specimen holder that are less than 8 mm diameter, include 4 mm specimen wrench.</p> <p>"Universal specimen holder</p> <p>"Knuried head allen key , 3 mm</p> <p>"Three years services warranty including spare parts and labor cost.</p> <p>"All prices of each item should be specified</p>
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