



جامعة السلطان قابوس
Sultan Qaboos University

Requisition Form

Requisition Number: 7024/26/0045

Last Date for Submission: 10/08/2026

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
1	EQUHETWAT0001	WATER BATH	1	Nos	[EQUHETWAT0001] WATER BATH -Power Supply: 240–250V, 50/60Hz, single-phase - Durability: Double-walled stainless-steel chamber, corrosion- and heat-resistant with insulated outer body - Warranty: 2 years minimum - Country of Origin: USA / Europe / India / Japan - Technical Specifications: 1- Temperature range: Ambient to 300 °C 2- Digital temperature control with ± 0.5 °C accuracy 3- Capacity: 25–40 liters - Safety features: Over-temperature cut-off, thermal insulation, and low-water level protection Applications: Curing of cement/concrete samples, and temperature-controlled laboratory experiments in civil engineering and materials testing
2	EQUINSEDU0008	VACUUM PUMP	1	Each	[EQUINSEDU0008] VACUUM PUMP * Vacuum Pump Specifications Type: - Oil-free diaphragm vacuum pump, or - Rotary vane vacuum pump with oil-mist exhaust filter - Nominal flow rate: Minimum 20–60 L/min - Ultimate vacuum: 300 mbar (or better) - Power supply: 220–240 V, 50/60 Hz, single phase - Noise level: 70 dB * Safety features: - Thermal overload protection - Automatic shut-off * Theoretical Specific Gravity (Gmm) Setup (Included) Standard Compliance, Fully compliant with: o ASTM D2041 o AASHTO T209 Components Pycnometer: o Capacity: 3–5 liters o Material: Transparent, chemical-resistant plastic or glass

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
					o Airtight sealing lid with vacuum port Vacuum gauge: o Range: 0–760 mmHg o Accuracy: ±1% or better Vacuum connection manifold: Included Deaeration accessories: o Agitation capability (Automatic mechanical) o Sample release and air-removal facilitation Stand and support frame: Stable, laboratory-grade Compatibility Fully compatible with the supplied vacuum pump Suitable for asphalt mixture testing (loose mix)