جامعة السلطان قابوس
Sultan Qaboos University

Requisition Form

Requisition Number: 7038/26/0072

Last Date for Submission: 22/06/2026

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
1	EQUEQUEQU0048	SIEVE SHAKER	1	Nos	Electromagnetic Vibrating Sieve Shaker Machine General Description The Sieve Shaker is a laboratory particle size analysis system designed for accurate separation, classification, and grading of powders, granules, soils, aggregates, polymers, fillers, nanoparticles, and other particulate materials. It utilizes electromagnetic vibration technology to ensure uniform and reproducible sieving performance with minimal noise and high precision. It is suitable for research laboratories, material characterization, quality control, and industrial applications. More details are in this link: https://docs.google.com/document/d/1E2hin5N61aumOMhAqhdaxZioin4IQBJj/edit?usp=sharing&ouid=110302868485855904870&rtpof=true&sd=true Technical Specifications Parameter Specification Drive System Electromagnetic vibration Particle Size Range 20 µm to 125 mm Maximum Sample Weight 3 kg Maximum Number of Sieves Minimum 8 sieves + lid + receiver Sieve Diameter Compatibility 100 mm, 150 mm, 200 mm, and 203 mm Vibration Adjustment Digital amplitude control Timer Range 1–99 min minimum Display Type Digital LCD/LED Operating Mode Continuous and interval operation Noise Level Low-noise operation Repeatability High reproducibility

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
					Clamping System Quick-release clamping Motion Type 3D electromagnetic vibration Frequency Control Adjustable Material Compatibility Dry powder and granular materials