



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	<p>Electromagnetic Vibrating Sieve Shaker Machine</p> <p>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:</p> <p>https://docs.google.com/document/d/1E2hin5N61aumOMhAqhdaxZioin4IQBJj/edit?usp=sharing&oid=110302868485855904870&rtpof=true&sd=true</p> <p>Technical Specifications</p> <table><tr><td>Parameter</td><td>Specification</td></tr><tr><td>Drive System</td><td>Electromagnetic vibration</td></tr><tr><td>Particle Size Range</td><td>20 µm to 125 mm</td></tr><tr><td>Maximum Sample Weight</td><td>3 kg</td></tr><tr><td>Maximum Number of Sieves</td><td>Minimum 8 sieves + lid + receiver</td></tr><tr><td>Sieve Diameter Compatibility</td><td>100 mm, 150 mm, 200 mm, and 203 mm</td></tr><tr><td>Vibration Adjustment</td><td>Digital amplitude control</td></tr><tr><td>Timer Range</td><td>1–99 min minimum</td></tr><tr><td>Display Type</td><td>Digital LCD/LED</td></tr><tr><td>Operating Mode</td><td>Continuous and interval operation</td></tr><tr><td>Noise Level</td><td>Low-noise operation</td></tr><tr><td>Repeatability</td><td>High reproducibility</td></tr></table>	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
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					Clamping System Quick- release clamping Motion Type 3D electromagnetic vibration Frequency Control Adjustable Material Compatibility Dry powder and granular materials