



جامعة السلطان قابوس
Sultan Qaboos University

Requisition Form

Requisition Number: 7038/26/0073

Last Date for Submission: 22/06/2026

S.N.	SQU Product Code	Description	Qty	UOM	Remarks																																
1	EQUINSTOL0005	GRINDER MACHICE	1	Nos	<p>High-Speed Electric Grain Grinder Mill – 1 Kg Stand Type</p> <p>General Description The crusher is a commercial and laboratory grinding machine designed for rapid pulverization of dry grains, herbs, spices, cereals, coffee beans, polymers, biomass materials, and other dry solid materials into fine powder. The system utilizes a high-speed stainless-steel blade mechanism with powerful motor operation for efficient and uniform grinding performance. It is suitable for laboratory sample preparation, food processing, biomass preparation, composite filler preparation, and research applications. More details are in this link:</p> <p>https://docs.google.com/document/d/13klYjO7fr0UtGRd5NjB1p-bBwV_OnmB4/edit?usp=sharing&oid=110302868485855904870&rtpof=true&sd=true</p> <p>Technical Specifications</p> <table><thead><tr><th>Parameter</th><th>Specification</th></tr></thead><tbody><tr><td>Capacity</td><td>1000 g</td></tr><tr><td>Type</td><td>Stand Type</td></tr><tr><td>Grinding Method</td><td>High-speed blade grinding</td></tr><tr><td>Motor Power</td><td>2000–3000 W</td></tr><tr><td>Rotational Speed</td><td>25,000–35,000 rpm</td></tr><tr><td>Voltage</td><td>220–240 V</td></tr><tr><td>Frequency</td><td>50/60 Hz</td></tr><tr><td>Grinding Fineness</td><td>50–300 mesh</td></tr><tr><td>Grinding Time</td><td>0–5 minutes adjustable</td></tr><tr><td>Chamber Material</td><td>Food-grade stainless steel</td></tr><tr><td>Blade Material</td><td>Hardened stainless steel</td></tr><tr><td>Cooling Method</td><td>Air-cooled motor</td></tr><tr><td>Operating Mode</td><td>Continuous/intermittent</td></tr><tr><td>Noise Level</td><td>Low to moderate</td></tr><tr><td>Safety Protection</td><td>Overload</td></tr></tbody></table>	Parameter	Specification	Capacity	1000 g	Type	Stand Type	Grinding Method	High-speed blade grinding	Motor Power	2000–3000 W	Rotational Speed	25,000–35,000 rpm	Voltage	220–240 V	Frequency	50/60 Hz	Grinding Fineness	50–300 mesh	Grinding Time	0–5 minutes adjustable	Chamber Material	Food-grade stainless steel	Blade Material	Hardened stainless steel	Cooling Method	Air-cooled motor	Operating Mode	Continuous/intermittent	Noise Level	Low to moderate	Safety Protection	Overload
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