

<b>Summary Specification</b>	
BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/301/2024 (FIT) - [T]</u>
TARIKH DIKLANKAN :	<u>18 Februari 2025 [Selasa]</u>
TARIKH TUTUP :	<u>04 Mac 2025 [Selasa]</u> JAM: 2 Petang
DOCUMENT FEE : B\$ 10.00	

**IMPORTANT**

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Mode of Payments > REFER IN UBD WEBSITE

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

**Important Note:** Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to [helpdesk.epay@ubd.edu.bn](mailto:helpdesk.epay@ubd.edu.bn) , [finance@ubd.edu.bn](mailto:finance@ubd.edu.bn),[eprocurement.support@ubd.edu.bn](mailto:eprocurement.support@ubd.edu.bn).

TITLE :		TO SUPPLY AND DELIVER TUBE FURNACES TO FACULTY OF INTEGRATED (FIT), UNIVERSITI BRUNEI DARUSSALAM FOR RESEARCH GRANT TITLE: CATALYST REGENERATION FOR BIOMASS PYROLYSIS VIA THERMAL OXIDATION AND CHEMICAL WASHING																												
No.	Quantity	Descriptions																												
1	1 unit	<p><b>Tube Furnace</b></p> <p>Full Specification:</p> <ul style="list-style-type: none"> <li>- General tube furnace with hinged door</li> <li>- Double housing and low surface temperature (29-30°C at 800°C)</li> <li>- Recommended ideal running temperature is below 1000°C</li> <li>- Great durability thanks to Kanthal heating element</li> <li>- Suitable for gas exchange experiment</li> <li>- Light weight and prompt heat up thanks to ceramic insulation</li> <li>- Convenient design for sample loading</li> <li>- Built in programmable controller. 5 patterns and 9 segment/pattern.</li> </ul> <p>Total 45 segments</p> <ul style="list-style-type: none"> <li>- Built in over temp protector</li> <li>- SSR operation and built in programmable controller provides low noise operation and precise temp control (+/-1°C)</li> <li>- Wide choice of tube materials. Quartz, ceramic, alumina and alloy</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td>Max temperature</td><td>1200°C</td></tr> <tr><td>Continuous running temperature</td><td>1000°C</td></tr> <tr><td>Tube diameter</td><td>50mm</td></tr> <tr><td>Controller</td><td>Programmable controller</td></tr> <tr><td>Sensor</td><td>K type</td></tr> <tr><td>Heater</td><td>2kW</td></tr> <tr><td>Hot zone</td><td>300mm</td></tr> <tr><td>Heating element</td><td>Kantal with ceramic molding</td></tr> <tr><td>Insulation</td><td>Ceramic</td></tr> <tr><td>External size</td><td>1500x360x520mm</td></tr> <tr><td>Weight</td><td>27kg</td></tr> <tr><td>Power supply</td><td>110V, 50/60Hz, 1p, 18A</td></tr> <tr><td> </td><td>220V, 50/60Hz, 1p, 9A</td></tr> </table>			Max temperature	1200°C	Continuous running temperature	1000°C	Tube diameter	50mm	Controller	Programmable controller	Sensor	K type	Heater	2kW	Hot zone	300mm	Heating element	Kantal with ceramic molding	Insulation	Ceramic	External size	1500x360x520mm	Weight	27kg	Power supply	110V, 50/60Hz, 1p, 18A		220V, 50/60Hz, 1p, 9A
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