

RESISTANCE BOX FURNACE

Sr#	Description																										
1	<p><u>RESISTANCE BOX FURNACE</u></p> <table> <tr> <td>Nominal Loading Capacity</td><td>≥1.5 Ton</td></tr> <tr> <td>Effective Working Volume</td><td>1500 (L)x800(W)x800(H) mm</td></tr> <tr> <td>Rated Temperature</td><td>1400°C</td></tr> <tr> <td>Heating Rate</td><td>≥ 5 °C/min</td></tr> <tr> <td>Temperature Accuracy</td><td>± 1 °C</td></tr> <tr> <td>Temperature Uniformity</td><td>± 5 °C</td></tr> <tr> <td>Thermocouple</td><td>S-Type thermocouples with 99.9% purity alumina tube</td></tr> <tr> <td>Electric Supply</td><td>380 V (3 phase)</td></tr> <tr> <td>Frequency</td><td>50 Hz</td></tr> <tr> <td>Power</td><td>120 kW</td></tr> <tr> <td>Loading</td><td>Automatic</td></tr> <tr> <td>Furnace Door Opening / Closing</td><td>Electrically up and down</td></tr> <tr> <td>Controller</td><td>Programmable PID temperature controller (Make: Guolong)</td></tr> </table>	Nominal Loading Capacity	≥1.5 Ton	Effective Working Volume	1500 (L)x800(W)x800(H) mm	Rated Temperature	1400°C	Heating Rate	≥ 5 °C/min	Temperature Accuracy	± 1 °C	Temperature Uniformity	± 5 °C	Thermocouple	S-Type thermocouples with 99.9% purity alumina tube	Electric Supply	380 V (3 phase)	Frequency	50 Hz	Power	120 kW	Loading	Automatic	Furnace Door Opening / Closing	Electrically up and down	Controller	Programmable PID temperature controller (Make: Guolong)
Nominal Loading Capacity	≥1.5 Ton																										
Effective Working Volume	1500 (L)x800(W)x800(H) mm																										
Rated Temperature	1400°C																										
Heating Rate	≥ 5 °C/min																										
Temperature Accuracy	± 1 °C																										
Temperature Uniformity	± 5 °C																										
Thermocouple	S-Type thermocouples with 99.9% purity alumina tube																										
Electric Supply	380 V (3 phase)																										
Frequency	50 Hz																										
Power	120 kW																										
Loading	Automatic																										
Furnace Door Opening / Closing	Electrically up and down																										
Controller	Programmable PID temperature controller (Make: Guolong)																										
<p><u>Spares:</u></p> <ul style="list-style-type: none"> Heating Elements: 06 set Thermocouple: 06 set Digital temperature meter with lead for thermocouple reading: 02 Programmable PID Temperature Controller: 06 <p><u>Documents:</u></p> <ul style="list-style-type: none"> Installation, commissioning, electrical diagrams for heating system and operational manual English. <p><u>Inspection:</u></p> <ul style="list-style-type: none"> For 03 days at manufacturer premises by our engineer. 																											