

Multi Zone Tube Furnace

Item Number: KT-MTF



Introduction

Experience precise, efficient thermal testing with our Multi Zone Tube Furnace. Independent heating zones and temperature sensors allow for controlled high-temperature gradient heating fields. Order now for advanced thermal analysis!

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| | | |
|------------------------------|--|-----------------------------|
| Furnace model | KT-MTF | KT-MTF Pro |
| Temperature controller | Digital PID controller | Touch screen PID controller |
| Multi program preset | no | yes |
| Power failure restarting | no | yes |
| Max. temperature | 1700°C | |
| Constant work temperature | 1650°C | |
| Furnace tube material | High grade Quartz/ Al2O3 alumina | |
| Furnace tube diameter | 30 / 40 / 60 / 80 / 100 / 150 / 230 mm | |
| Heating zone length | 300 / 450 / 600 / 800 mm | |
| Heating zone quantity | 1-10 zones | |
| Vacuum sealing solution | SS 304 flange with O ring | |
| Rated vacuum pressure | 0.001Pa/10E5 torr | |
| Rated positive pressure | 0.02Mpa/150 torr | |
| Chamber material | Japan Al2O3 alumina fiber | |
| Heating element | Cr2Al2Mo2 wire coil | |
| Thermal couple | K /S/B type | |
| Temperature control accuracy | ±1°C | |
| Temperature uniformity | ±5°C | |
| Electric power supply | AC110-220V,50/60HZ | |

Other Al2O3 alumina tube size and heating zone length can be customized

| No. | Description | Quantity |
|-----|-------------------------|----------|
| 1 | Furnace | 1 |
| 2 | Alumina tube | 1 |
| 3 | Vacuum flange | 2 |
| 4 | Tube thermal block | 2 |
| 5 | Tube thermal block hook | 1 |

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|---|----------------------|---|
| 6 | Heat resistant glove | 1 |
| 7 | Operation manual | 1 |