

# Vacuum Sealed Continuous Working Rotary Tube Furnace

## Rotating Tube Furnace

Item Number: KT-CRTF



### Introduction

Precision rotary tube furnace for continuous vacuum processing. Ideal for calcination, sintering, and heat treatment. Customizable up to 1600°C.

[Learn More](#)

| Furnace model   | KT-CRTF12  | KT-CRTF14   | KT-CRTF16 |
|---|--|-------------|-----------|
| Max. temperature  | 1200℃  | 1400℃       | 1600℃     |
| Constant work temperature   | 1100℃  | 1300℃       | 1500℃     |
| Heating rate  | 0-20℃/min  | 0-10℃/min   |           |
| Furnace tube material   | Quartz/Metal alloys                                | Al2O3/Si3N4 |           |
| Rotary speed  | 0-20rpm  |             |           |
| Tilting angle   | -5-30 degree                                       |             |           |
| Furnace tube diameter   | 30 / 40 / 60 / 80 / 100 / 120 / 150 / 230 / 280 mm |             |           |
| Single heating zone length  | 300 / 450 / 600 / 800mm                            |             |           |
| Vacuum sealing solution   | SS 304 flange with O ring                          |             |           |
| Chamber material  | Japan alumina fiber                                |             |           |
| Heating element   | Cr2Al2Mo2 wire coil                                | SiC         | MoSi2     |
| Temperature sensor  | K type   | S type      | B type    |
| Temperature controller  | Digital PID controller/Touch screen PID controller |             |           |
| Temperature control accuracy  | ±1℃  |             |           |
| Electric power supply   | AC110-220V,50/60HZ                                 |             |           |
| Different tube material and size and heating zone length can be customized to your specific requirements. |  |             |           |