

# 1200°C Split Tube Furnace With Quartz Tube

Item Number: KT-TF12



## Introduction

KT-TF12 split tube furnace: high-purity insulation, embedded heating wire coils, and max. 1200C. Widely used for new materials and chemical vapour deposition.

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Furnace model	KT-TF12
Max. temperature	1200°C
Constant work temperature	1100°C
Furnace tube material	High purity quartz
Furnace tube diameter	30 / 40 / 60 / 80 / 100 / 120 /150 / 230 mm
Heating zone length	300 / 450 / 600 / 800 mm
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 alumina fiber
Heating element	Cr2Al2Mo2 wire coil
Heating rate	0-20°C/min
Temperature sensor	Build in K type thermal couple
Temperature controller	Digital PID controller/Touch screen PID controller
Temperature control accuracy	±1°C
Temperature uniformity	±5°C
Electric power supply	AC110-220V,50/60HZ

Other quartz size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Quartz tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1