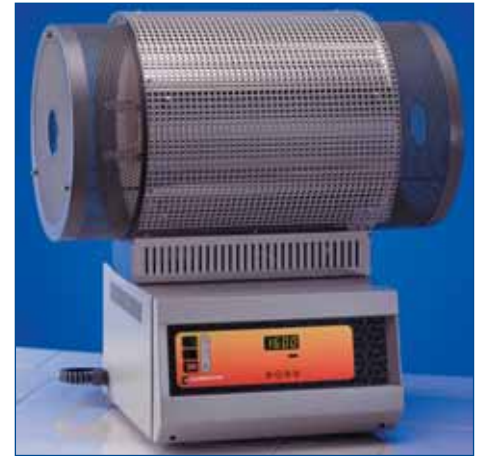


High Temperature Tube Furnaces

The 1500°C and 1600°C tube furnace ranges utilise silicon carbide (SiC) heating elements arranged in a heated chamber surrounding the work tube, and provide even heating of the tube surface for maximum temperature uniformity. SiC furnaces can be mounted for use horizontally or vertically with an optional "L stand" please enquire for details.

High temperature furnaces ~ single zone	STF 15/180	STF 15/450	STF 15/610	STF 16/180	STF 16/450	STF 16/610
Max. Temperature (°C)	1500	1500	1500	1600	1600	1600
Continuous Temperature (°C)	1400	1400	1400	1500	1500	1500
Heat up Time (mins)	heat up rate will vary					
Maximum o/d of Separate Worktube	60	90	90	60	90	90
Inside Diameter of fixed element tube (mm)	~	~	~	~	~	~
Heated Length (mm)	180	450	610	180	450	610
Overall Furnace Length (or width) (mm)	600	900	1200	600	900	1200
Horizontal Mounting on Control Box	✓	✓	✓	✓	✓	✓
Option of Mounting:						
L stand / Wall bracket / Blank base / Separated base	✓	✓	✓	✓	✓	✓
Vertical mounting with remote control box as standard	✗	✗	✗	✗	✗	✗
Uniform Length +/-5 (°C) (a)(d)	80	350	400	80	350	400
Thermocouple Type	R	R	R	R	R	R
Maximum Power Requirement (W)	1500	5500	6000	2500	6000	7000
Holding Power (W)	~	3800	4200	~	4000	4500
External Dimensions:						
H (mm)	500	660	660	500	660	660
W (mm)	600	830	1130	600	830	1130
D (mm)	375	445	445	375	445	445
Weight (kg)	29	34	45	29	40	50

- 1) Holding power is measured at 100°C below max. temperature, based on 240V supply, with an empty chamber.
- 2) Uniformity graphs are available on request, for most models.
- 3) Heat up time is measured at 100°C below max. temperature with an empty tube.



STF 15/180/301



STF 15/610/3216P1 with vertical option L stand