

Tube Furnaces STF Series



STF 13/75/600

STF series tube furnaces are tube furnaces that could be used when laboratory experimentation is performed horizontally or vertically.

Standard STF series furnaces cover a range from 1200°C to 1300°C, using only wire heating elements for the process.

STF series enable the user to heat up to 1300 Degrees Celsius, as well as to operate the furnace with multiple zones of different lengths.

STF series ensure perfect temperature uniformity with quick and easy replacement of the reactor used.

System Features

- ✓ Reactor is not included with the system
- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ Galvanized coating covered epoxy paint structure
- ✓ System operation with solid-state-relays
- ✓ High level temperature uniformity
- ✓ Electrical protection
- ✓ High quality heating elements ensuring a long service life
- ✓ Intuitive controller user interface

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Heated Zone (mm)	Stable Zone Length (mm)	Suitable Tube IDø (mms)	Suitable Tube Type	T/C Type	Power (kW)	Phase
STF 12/50/300	1200	1150	300	100	50	Mullite-C610	S	1.5	1
STF 12/60/300	1200	1150	300	100	60	Mullite-C610	S	1.5	1
STF 12/75/300	1200	1150	300	100	75	Mullite-C610	S	1.7	1
STF 12/105/300	1200	1150	300	100	105	Mullite-C610	S	4.0	3
STF 12/50/450	1200	1150	450	150	50	Mullite-C610	S	1.6	1
STF 12/60/450	1200	1150	450	150	60	Mullite-C610	S	1.6	1
STF 12/75/450	1200	1150	450	150	75	Mullite-C610	S	1.8	1
STF 12/105/450	1200	1150	450	150	105	Mullite-C610	S	4.0	3
STF 12/50/600	1200	1150	600	200	50	Mullite-C610	S	1.7	1
STF 12/60/600	1200	1150	600	200	60	Mullite-C610	S	1.7	1
STF 12/75/600	1200	1150	600	200	75	Mullite-C610	S	2.0	1
STF 12/105/600	1200	1150	600	200	105	Mullite-C610	S	4.0	3
STF 13/50/300	1300	1250	300	100	50	Mullite-C610	S	1.6	1
STF 13/60/300	1300	1250	300	100	60	Mullite-C610	S	1.6	1
STF 13/75/300	1300	1250	300	100	75	Mullite-C610	S	2.6	1
STF 13/105/300	1300	1250	300	100	105	Mullite-C610	S	5.0	3

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Heated Zone (mm)	Stable Zone Length (mm)	Suitable Tube IDø (mms)	Suitable Tube Type	T/C Type	Power (kW)	Phase
STF 13/50/450	1300	1250	450	150	50	Mullite-C610	S	1.7	1
STF 13/60/450	1300	1250	450	150	60	Mullite-C610	S	1.7	1
STF 13/75/450	1300	1250	450	150	75	Mullite-C610	S	2.8	1
STF 13/105/450	1300	1250	450	150	105	Mullite-C610	S	5.0	3
STF 13/50/600	1300	1250	600	200	50	Mullite-C610	S	1.8	1
STF 13/60/600	1300	1250	600	200	60	Mullite-C610	S	1.8	1
STF 13/75/600	1300	1250	600	200	75	Mullite-C610	S	3.0	1
STF 13/105/600	1300	1250	600	200	105	Mullite-C610	S	5.0	3

*For system accessories please check the accessory page for furnaces.

Optional Features

- ✓ Over-temperature limiter for thermal protection
- ✓ Display of inner tube temperature with an additional thermocouple
- ✓ Check valve at gas outlet
- ✓ Gas supply and blend systems for operation
- ✓ Alternative working tubes
- ✓ Gas and water cooled vacuum flanges
- ✓ Universal design for vertical and angular usage
- ✓ Data logger with the software
- ✓ RS422/485 communication

*For your inquiries and questions please contact us

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