

# Tube Furnaces Precision Series



**PZF 12/50/700**

PZF series tube furnaces are multi-zone furnaces that could be used when laboratory experimentation is performed horizontally, vertically, or at specific angles.

Configuration of the tilt angle, and the stable temperature working lengths make these furnaces suitable for many possible processes.

With an easy to replace working tube as well as additional standard equipment options, these furnaces can be operated with multiple zones of different lengths.

## System Features

- ✓ Standard working tube of C610
- ✓ Separate or integrated control system
- ✓ Master and slave controller availability
- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ High level temperature uniformity
- ✓ Multi zone design
- ✓ System operation with solid-state-relays
- ✓ Standard long working tube protruding from sides suitable for operation with flanges
- ✓ Electrical protection
- ✓ Galvanized coating covered epoxy paint structure
- ✓ 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)	External Dimensions (mm)	Tube size (Dø x length) (mm)	Tube Type	Power (kW)	Phase
PZF 12/38/500	1200	1150	500	330	635x650x400	40x800	C610	1.2	1
PZF 12/50/500	1200	1150	500	330	635x650x400	50x800	C610	1.5	1
PZF 12/50/750	1200	1150	750	500	635x800x400	50x900	C610	1.9	1
PZF 12/75/750	1200	1150	750	500	635x800x400	75x900	C610	2.8	1
PZF 12/105/750	1200	1150	750	500	675x800x400	105x1000	C610	3.4	1
PZF 12/105/900	1200	1150	900	600	675x950x400	105x1200	C610	3.5	1

\*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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