

Rotary Furnaces

RTR Series



RTR 11/50/500

RTR series rotary furnaces are split furnace with multi-zone options with a rotation and tilt angulation option.

Configuration of the tilt angle, multi zone availability 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 are usually used for continuous processing and batch operations. The sample could get transported uniformly from one end to the other of the working tube. The unit could be used for batch operation as well, by using the model as an ASP series furnace.

Availability of opening up the furnaces enables operator to be able to use different tubes or reactors, or any other inline heating material with the furnace.

Galvanized coating covered epoxy painted structure, providing longer life time and aesthetics.

System Features

- ✓ Standard working tube of Quarts or C799
- ✓ Separate or integrated control system
- ✓ Master and Slave controller availability
- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ High level temperature uniformity
- ✓ Multi zone design
- ✓ Standard long working tube protruding from sides suitable for operation with flanges
- ✓ Electrical protection
- ✓ System operation with silicone controlled rectifiers
- ✓ High quality heating elements ensuring a long service life
- ✓ Intuitive controller user interface

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Maximum Bore Diameter (mm)	Heated Length (mm)	Tube size (Dø x length) (mm)	Power (kW)	Phase	Tube Type
RTR 11/50/500	1100	1050	50	500	50x125	2.4	1	Quartz
RTR 11/100/500	1100	1050	100	500	100x1250	2.4	1	Quartz
RTR 15/50/400	1500	1450	50	400	50x1200	3.0	1	C799
RTR 15/75/400	1500	1450	75	400	75x1200	3.5	1	C799

*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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