

Series 3110 & Series 3210 Furnaces

Our Tube and Split Tube Furnace are by far our most popular line. These Furnaces have been carefully designed and refined over many years to make them one of the most reliable and efficient laboratory furnaces available on the market today. These furnaces are typically used in conjunction with any brand material testing machine, incorporated in a gas processing system, stand alone, or any situation requiring the need for heat.



Features

- Built-to-order to your specific requirements
- Low K-factor vacuum-cast ceramic fiber insulation
- Stainless steel shell end flanges
- Replaceable heating elements
- Wide selection of available diameters, lengths, mounting arrangements, and accessory equipment
- Variety of configurations, including, isothermal, gradient, adiabatic, and others
- Available options and accessories include heat-equalizing liners, extensometer slots and mounting flats, thermocouples, end caps, viewports, gas ports, cast bronze or brass heating elements, retorts, and more.

Typical Furnace Sizes

For service to 1650°F (900°C)	For service to 2000°F (1100°C)	For service to 2200°F (1200°C)
"ID" x "OD"	"ID" x "OD"	"ID" x "OD"
0.75" x 6.0"	0.75" x 8.0"	0.75" x 10.0"
1.00" x 6.0"	1.00" x 8.0"	1.00" x 10.0"
1.25" x 6.0"	1.25" x 8.0"	1.25" x 10.0"
1.62" x 8.0"	1.62" x 10.0"	1.62" x 12.0"
2.00" x 8.0"	2.00" x 10.0"	2.00" x 12.0"
2.38" x 8.0"	2.38" x 10.0"	2.38" x 12.0"
3.00" x 8.0"	3.00" x 10.0"	3.00" x 12.0"
3.75" x 10.0"	3.75" x 12.0"	3.75" x 14.0"
5.00" x 10.0"	5.00" x 12.0"	5.00" x 14.0"
5.50" x 12.0"	5.50" x 14.0"	5.50" x 16.0"
6.00" x 12.0"	6.00" x 14.0"	6.00" x 16.0"
7.00" x 12.0"	7.00" x 14.0"	7.00" x 16.0"
8.25" x 16.0"	8.25" x 18.0"	8.25" x 20.0"
12.0" x 20.0"	12.0" x 22.0"	12.0" x 24.0"

Series 3110/3210

- Other sizes supplied on request
- Length & zone construction made to order
- Heating elements and temperature range:
Nichrome: 1850°F (1000°C)
Kanthal A1: 2200°F (1200°C)
- NRTL Listed
(in standard configurations, selected sizes only, with approved control system)