Series 3330 Furnace

The ATS Series 3330 and 3330S High-Temperature Furnaces offer an ideal low-profile solution to restricted testing space due to specimen size or other factors. These furnaces feature highly compact construction while maintaining efficient temperature capabilities up to 3000°F (1650°C). Due to a small internal working volume, rapid heat-up and cool-down rates are attainable for testing of ceramics, metal alloys, composites, and other materials using either flat or round specimens. Standard construction includes large-diameter Molybdenum Disilicide (MoSi2) heating elements that are available from stock and are easily replaceable in the laboratory. Other features include low K-factor vacuum-cast ceramic fiber insulation, stainless steel shells, end flanges, and element covers for durability, safety, and appearance.

In addition to the standard furnace sizes, custom sizes and zone arrangements are available to be built-to-order. A wide variety of mounting arrangements, optional construction features, and accessory equipment are available. Some options are high-temperature extensometers, extensometer slots, thermocouples, viewports, water-cooled specimen grips, and testing fixtures.

Features

- Standard: One or Two Heating Zones
- Custom Zone Arrangements Available
- Molybdenum Disilicide (MoSi2) Heating Elements
- Stainless Steel Shell
- Ceramic Fiber Insulation
- Element Covers

Product Specifications

Internal Size	2 in. diameter x 2 ½ in. length (other sizes available)
External Size	20 in. W x 9 ⅝ in. D x 8 ⅝ in. H (7 ½ in. between grips)
Mounting	Custom to work with any testing frame
Elements	Molybdenium Disilicide
Power	2200 Watts
Voltage	208 or 230