

Series 3430 Furnace

The ATS Series 3430 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 2700°F (1482°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 silicon carbide 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. 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

- One or Two Heating Zones Available
- Silicon Carbide Heating Elements
- Stainless Steel Shell
- Ceramic Fiber Insulation
- Element Covers

Product Specifications

Internal Size	2 in. diameter x 2 ½ in. length
External Size	11 ⅝ in. W x 11 ½ in. D x 4 ¾ in. H
Mounting	Custom to work with any testing frame
Elements	Silicon Carbide
Power	760 Watts
Voltage	115 or 230 volt