

## Laboratory Furnaces



### The Market Leader in Continuous Furnace Technology.

Abbott furnaces are custom designed to meet our customer specifications. Our commitment to technology and service has enabled Abbott to develop long-term business relationships with our customers.

**Abbott Sintering Furnaces** can be designed for a variety of processes.

#### Base Powder Materials

- Iron/Steel
- Stainless Steel
- Copper
- Brass
- Aluminum

#### Atmospheres

- Nitrogen
- Hydrogen
- DA
- Endothermic
- Exothermic
- Argon

#### Process Control

- Time/Temperature
- Atmosphere Integrity
- Dew Points

#### Maximum Temperature

- 1288 C / 2350 F

#### Abbott Contacts

- Dan Reardon
- Tim Raffeyner
- Carter Dippold
- Mike Gelsick

Features	Description
<b>Manual Pusher Design</b>	Pusher design offers flexibility to adjust time, temperature atmosphere profile for testing
<b>Continuous Belt Design</b>	High volume testing requirements
<b>Ceramic Muffle</b>	Pro-rated 5 year warranty on our ceramic muffle
<b>Alloy Muffle</b>	Available in 330 Stainless Steel or Inconel
<b>Electric Heating</b>	Combination of wire and silicon carbide heating elements provides excellent temperature uniformity
<b>Rapid Cooling System</b>	Advanced cooling system combines both atmosphere and water-jacketed cooling technology into one economical unit
<b>Atmosphere Moisturizing</b>	Utilized to alter furnace dewpoints to ensure proper atmosphere conditions
<b>Monitoring &amp; Control</b>	Advanced computerized monitoring and control systems for temperature, atmosphere flow, dew point, oxygen content, belt speed. Etc.
<b>Size</b>	Continuous - 2", 4" and 6" muffle width, Pusher - 4" muffle width
<b>Fabrication</b>	Manufactures to the same standards as our production furnaces

Abbott Furnace Company employs a highly skilled work force to produce quality continuous belt furnaces and accessory products. In support of our original equipment manufacturing activities we also offer custom fabrication of replacement parts, repair service for a wide range of power and temperature controllers as well as calibration services.