

# TruTemp™ Box Furnace



## Standard Features

- Standard designs to 2250°F
- Gas and electric versions
- Heavy plate construction
- Accepts heavy loads
- Energy efficient ceramic fiber insulation
- NEMA 12 Control Panel (machine-mounted)
- Electric vertical lift door
- Single button E-stop on control panel
- Burner safety equipment
- Furnace chamber and hi-limit microprocessor based temperature controllers
- Electric version SCR controlled
- Heavy duty piers with optional hearth
- Excellent temperature uniformity

## Additional Options:

- PLC/HMI for process automation
- Data acquisition
- Inert gas construction
- Recirculation Fans
- Automatic Shutdown Circuit
- UL/CE Listed Electrical Panel – panel inspected, certified, serialized (CE provides declaration of conformity)
- Special temperature uniformities
- Hearth roller rails
- Load tables
- Quench tanks
- Spare Parts
- Field installation, installation supervision and commissioning
- Temperatures to 3300°F



The TruTemp™ Box Furnaces are an excellent solution to heat treat a wide variety of materials, from welded fabrications and forgings, to spun products and plates. Processes include tempering, hardening, normalizing, annealing, preheating and stress relieving to name a few. Industries served are aerospace, oil drilling, steel mills, automotive, military and many more. Materials processed include aluminum, steel, cast iron, high nickel alloys, titanium and others.

The TruTemp™ Box Furnace has many established design features, such as vertical lift doors, energy efficient insulation, fully proportional gas and electric heat, heavy duty cast hearth and piers and state-of-the-art control packages.

The TruTemp™ Box Furnace has standard designs to 2250°F and can be customized for each individual application up to 3300°F. In addition, all furnaces are available with optional inert gas and recirculation systems.

Contact ITS today for all your box furnace and heat treat equipment needs.