

TS

Metal Pot Furnaces

with Immersion Heaters



Ajax TS Metal Pot Furnaces with immersion heaters are designed for durability and ease of operation in many varied applications including:

- Tempering steel
- Glass strengthening
- Shape setting of nickel-titanium memory wire
- Solution heat treat of aluminum
- Rubber or plastic curing

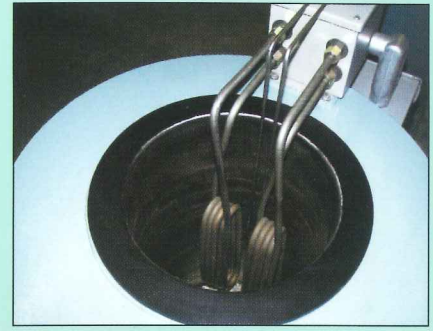
Ajax TS furnaces are custom designed and sized from compact tabletop units to large production models.

Advantages of the Ajax Design:

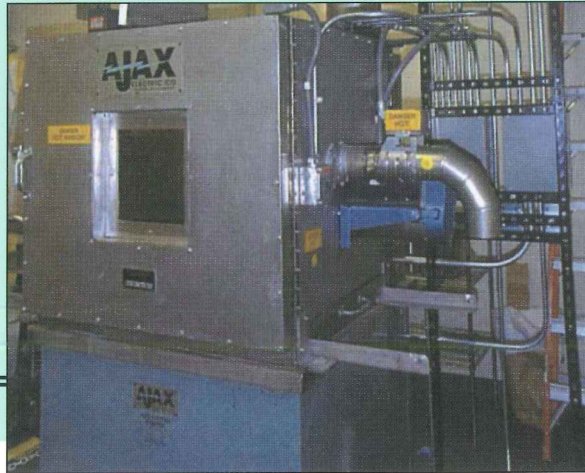
- Heavy duty construction for long life
- Temperature uniformity within ± 10 deg° F in the working area of the bath
- Additional energy savings with the use of manual or automatic covers
- Smaller units are ideal for intermittent use in laboratories, schools and test facilities
- The furnace is easily restarted without the assistance of external devices.

Features of the TS Metal Pot Furnace

- Automatic temperature control
- Heavy duty construction
- Heating elements are removable without emptying the furnace
- Internal heating provides maximum heat transfer efficiency to save energy
- Simplified operation and maintenance
- Prewired cubicle is provided with interlocking circuit breaker disconnect for operator safety



The small round TS with 12" X 24" deep pot and controls is stocked by Ajax for quick shipment.



At left a TS with integral preheat chamber for Glass Strengthening

Ajax Metal Pot Furnace Systems are supplied with a prewired cubicle including pre-programmed digital instruments.



Control Panel

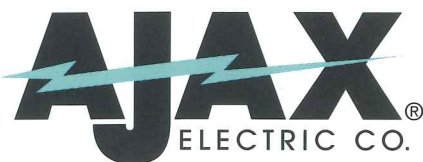


Large TS for the solution heat treatment of aluminum

Ajax Electric Company has nearly three quarters of a century of experience in metals processing and specializes in heat treating furnace design and construction. Ajax Electric is uniquely qualified to help you select the best

equipment for your application. Because we design and build our equipment in-house, we are able to provide and ensure comprehensive quality control at each phase of the manufacturing process. Strong aftermarket support

is provided by our service and replacement parts departments, with on-site service, training, and "turnkey" installations also available.



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Need Help?
Call us toll-free at (800) 516-9916 to speak to one of our applications engineers. We'll be happy to assist you with any technical questions you may have concerning salt bath furnaces.