



Thermcraft

incorporated

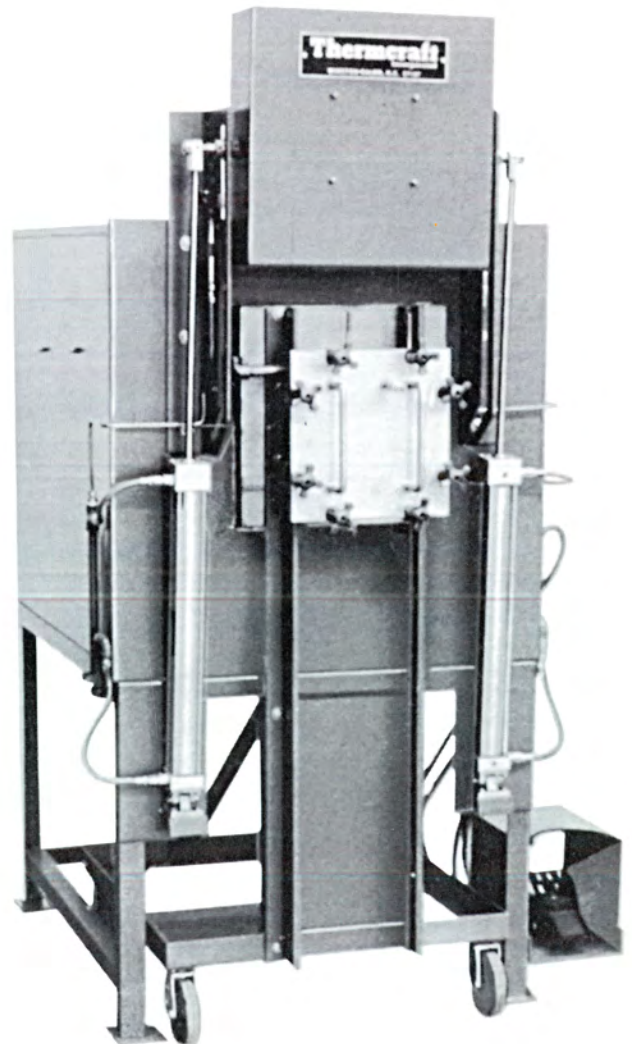
High Performance Technology

Custom Box Furnaces

THERMOCRAFT Box Furnaces are available in a wide variety of sizes and temperature ranges. Built with a heavy gage steel shell, and low watt density heating elements. Lightweight ceramic fiber insulation makes these units suitable for any laboratory or industrial application.

Larger custom designed units are available in electric and gas operation. With peripheral equipment designed by the **THERMOCRAFT Engineering Department**.

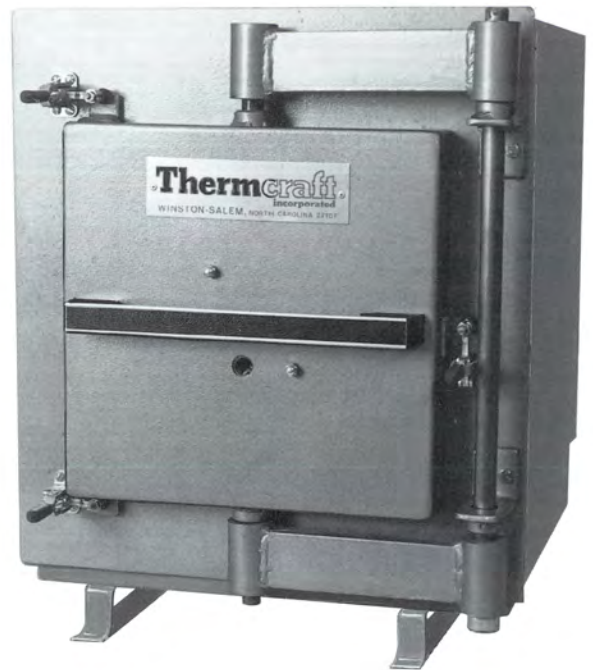
Box furnace with muffle, designed for sealed atmosphere operation at temperatures to 1100°C (2012°F). Mounted on cart to allow easy conversion to standard box furnace.



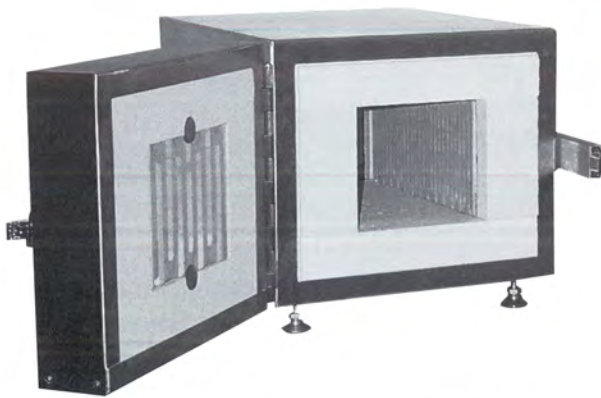
YOUR SOURCE FOR HIGH TEMPERATURE PERFORMANCE



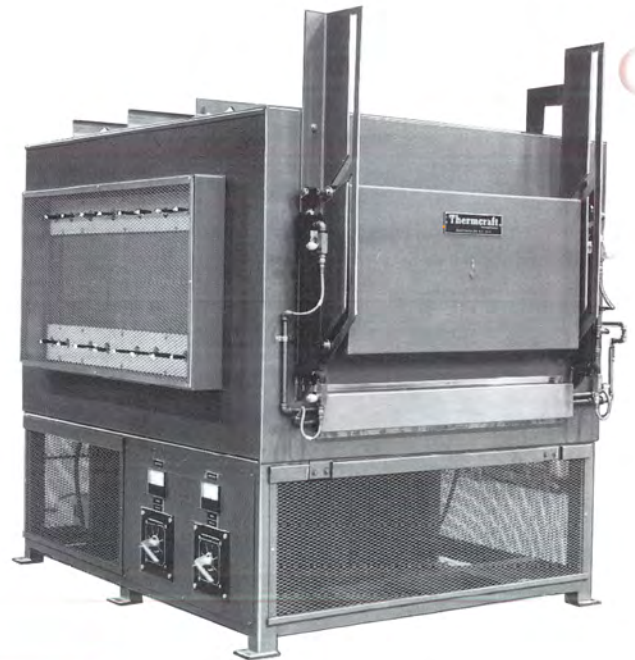
Front loading Box furnace with pneumatically operated vertical lift door.



Bench top box furnace
A double pivoting hinged door keeps hot door face away from operator.



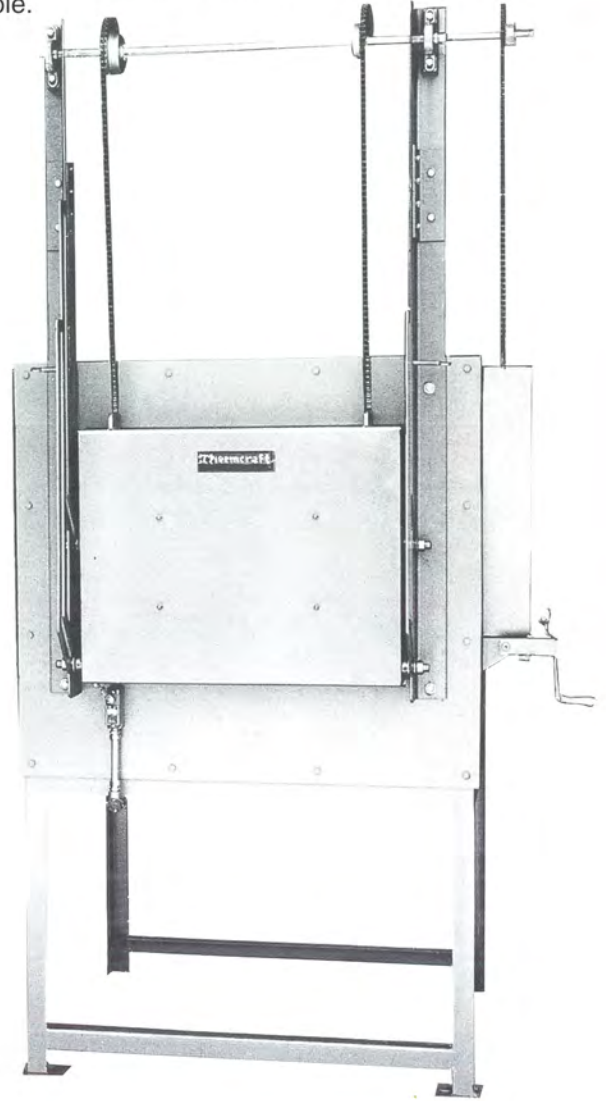
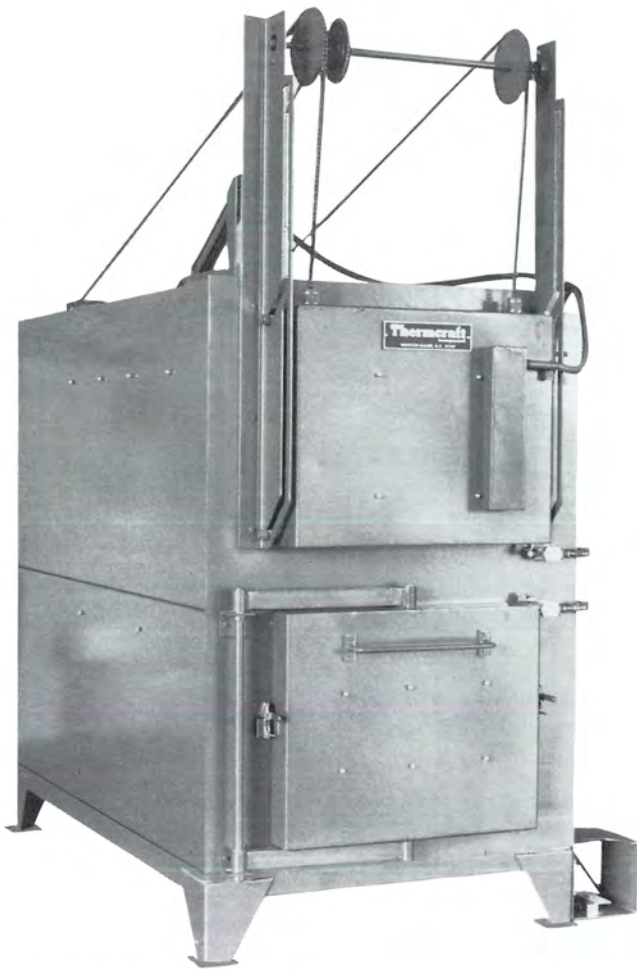
LABORATORY TYPE BOX FURNACE for temperatures to 1231°C (2250°F) with swing door. Heating elements on all internal surfaces.



Box furnace using silicon carbide heating elements for operating temperatures to 1649°C (3000°F). Pneumatically operated door and transformer tap switches allow ease of operation.

Box furnaces are available in a wide variety of sizes and temperature ranges. Standard temperature ranges are 1010°C, 1260°C, and 1538°C (1850°F, 2300°F, and 2800°F). Special designs are available for operations to 1700°C (3092°F). Options include pneumatically operated vertical lift doors, welded and gas tight shell with ports for use with atmosphere, heated doors, viewports and quench tanks.

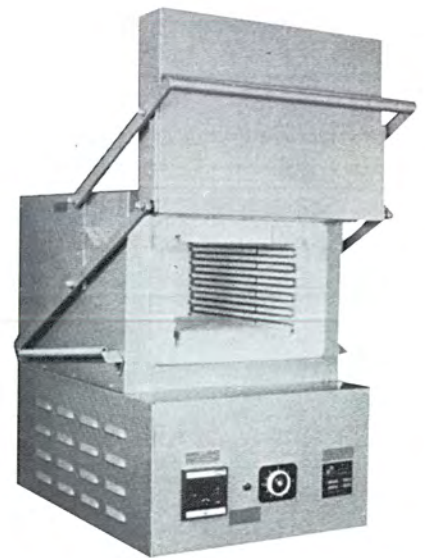
Box furnace with manually operated vertical lift door, attached programmable temperature control console.



A dual chamber hardening/drawing furnace. Upper chamber for hardening operation at temperatures to 1260°C (2300°F). Lower chamber for drawing operations at temperatures to 649°C (1200°F).

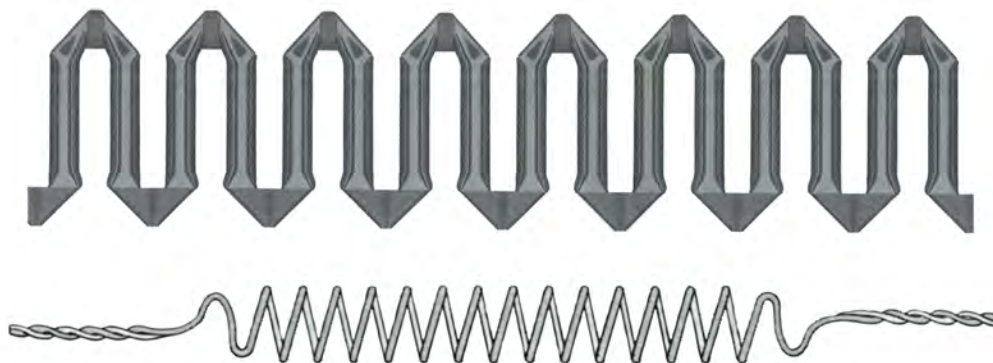
Larger Thermcraft ovens and furnaces are built according to your specifications. The designing, engineering, fabrication, assembly, wiring, testing and installation can all be performed by Thermcraft's qualified staff. From your concept to the final product, Thermcraft can assist in meeting each of your particular needs.

BOTTOM LOADING ELEVATOR HEARTH FURNACE. Usable heated chamber: 18" high x 18" wide x 18" long. Temperatures up to 1500°C (2732°F)



BENCH TOP BOX FURNACE with control system designed for laboratory and industrial use. Temperature range to 1204°C (2200°F)

REPLACEMENT COILS AND ELEMENTS



Replacement coils and elements are available in a variety of configurations, voltages, wattages and wire sizes. These can be designed to meet your specific requirements.

Please request detailed brochures for further explanation of the product range:

Box Furnaces
Ceramic Heating Elements
Ceramic Fiber Insulation & Insulation Packages
Control Systems
Custom Furnaces
Custom Ovens
Diffusion Heating Elements
Fibercraft® Vacuum Formed Heating Elements
LAB-TEMP
Marshall™ Furnaces
Thermal Knife^{PAT}
Thermocouples
Standard Tube Furnaces (10 day shipment)
Vestibule Blocks

Thermcraft has a wide range of standard products which includes: ceramic heaters, vacuum formed ceramic fiber heaters, diffusion heaters, control systems, as well as industrial ovens and furnaces. A standard line of split tube furnaces, solid tube furnaces, and controls are available for shipment in (10) working days. Thermcraft is also a recognized leader in **CUSTOM** heat-treating, industrial, and laboratory ovens and furnaces.

Call your local representative or our staff of trained sales engineers at the Winston-Salem plant with any of your heating problems.



Accepted for
your convenience



Thermcraft
incorporated

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