



»» Blue M

1800°C Box Furnace

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Incorporates the latest technological advances in heating elements, insulation, and temperature control and features an operator safe swing-away door. Variable heat-up rate eliminates thermal shock to materials. Easy access to replaceable heating elements and thermocouples for ease of maintenance. The self-tuning feature establishes the best PID setting for your thermal process.



► Features

- Programmable temperature control
- Current limit adjustment
- Convection cooling
- Molybdenum disilicide heating elements
- Holdback feature that allows process temperature to catch up to set value
- Four 16-segment programs consisting of ramps (up or down) or dwells (timed holds)
- Visually displays setpoint and process temperatures, ramp rate, dwell time, program segment and percent output power
- Incorporates a self-tuning feature
- Standard overtemperature protection circuitry
- Front panel lights
- Ammeter
- Circuit breaker
- RS232 communication with jack and cable for interconnection to computer
- Temperature
 - 1800°C (3272°F) Maximum
- Chamber Sizes
 - 515.63 Cubic Inches

► Options:

- Computer Communications Software
- Atmosphere Inlet and Outlet Ports
- Inert Atmosphere Flowmeters

| Model | Chamber Work Dim. inches (cm) | Wattage | Overall Dim. inches (cm) | Controller Type | Thermocouple | Digital Communications | Shipping Weight lbs. |
|-------|---|---------|------------------------------------|-------------------------|---------------------|------------------------|----------------------|
| 51435 | 5-1/2 x 7-1/2 x 12-1/2 (14 x 9 x 31.8) | 10,000 | 39 x 31 x 29 (99 x 78.7 x 73.7) | 16-segment programmable | Pt/Rh20 vs. PT/Rh40 | RS232 | 400 |

All specifications are subject to change without notice.



Gruenberg, Blue M, Tenney

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Specifications and Product Information are subject to change without notice.

THERMAL PRODUCT SOLUTIONS

»»Blue M »»Gruenberg »»Lindberg/MPH »»Tenney