1800°C Box Furnace

The 1800°C 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.

**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 dwellst (timed holds)
- Visually displays setpoint and process temperatures, ramp rate, dwell time, program segment and percent output power
- Standard overtemperature protection circuitry
- Front panel lights
- Ammeter
- Circuit breaker
- Ethernet communications available
- Temperature - 1800°C (3272°F) Maximum
- Chamber Size - 515.63 Cubic Inches

**Options**
- Atmosphere Inlet and Outlet Ports
- Inert Atmosphere Flowmeters

<table>
<thead>
<tr>
<th>Model</th>
<th>Chamber Work Dimensions inches (cm)</th>
<th>Wattage</th>
<th>Overall Dimensions inches (cm)</th>
<th>Controller Type</th>
<th>Thermocouple</th>
<th>Shipping Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>51435</td>
<td>5-1/2 x 7-1/2 x 12-1/2 (14 x 9 x 31.8)</td>
<td>10,000</td>
<td>39 x 31 x 29 (99 x 78.7 x 73.7)</td>
<td>16-segment programmable</td>
<td>Pt/Rh20 vs. PT/Rh40</td>
<td>400</td>
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</tbody>
</table>

All specifications are subject to change without notice.