

1500°C Box Furnace

The 1500°C Box Furnace maintains temperature uniformity, has a rapid response rate and boasts a dense load capability. It's long element life is essential for energy efficiency and low maintenance to meet today's workplace requirements.



Features

- Insulating vestibules and directly hinged, insulated plug doors
- Internal vent that dissipates the initial heat surge from open door
- Type "R" thermocouple
- Silicon carbide heating elements horizontally positioned above and below the heating chamber
- High-temperature graded insulation
- Fitted silicon-carbide hearthplate
- Double shell, heavy duty construction
- Low temperature outer shell
- Temperature - 1500°C (2732°F) Maximum

Options

- Stand Alone Temperature Control Console
 - Provides additional features and versatility for your control system
- Programmable control (Option P)
 - Offers flexibility of ramping to multiple setpoint levels and holding for variable time periods at those levels
- Excess temperature protection (Option B)
 - Provides positive protection of both furnace and load in the event of failure in the primary control circuit
- Ethernet communications available
- Atmosphere Retorts
 - Available for all Lindberg/MPH 1500°C box furnaces when controlled atmosphere processing is required
 - Atmosphere Control Consoles

Furnace Model	Chamber Dimensions W x H x D in. (cm)	Outer Dimensions W x H x D in. (cm)	Wattage	Shipping Weight (lbs.)	Control Console Model No.
51333	6 x 5 x 12 (15.2 x 12.7 x 30.5)	25 x 26 x 29 (63.5 x 66 x 73.7)	5,900	400	58125
51663	12 x 12 x 14 (30.5 x 30.5 x 35.6)	37 x 36 x 33 (94 x 91.4 x 83.8)	23,000	765	58175
51683	12 x 12 x 24 (30.5 x 30.5 x 61)	38 x 39 x 40 (96.5 x 99.1 x 101.6)	20,800	985	58175
51863	16 x 16 x 24 (40.6 x 40.6 x 61)	41 x 44 x 42 (104.1 x 111.8 x 106.7)	23,400	1,198	58185

Control Console Model	Preset TC Input	Preset Control Range	Maximum Current / Zone	Voltage	Hertz	Overall Size HxWxD in inches (cm)	Shipping Weight lbs.
58125	Type R	1-1500°C	60 Amps	208/240	50/60	10 x 14 x 19 (25.4 x 35.6 x 48.3)	30
58175	Type R	1-1500°C	120 Amps	208/240	50/60	17 x 17 x 21 (43.2 x 43.2 x 53.3)	55
58185	Type R	1-1500°C	180 Amps	208/240	50/60	17 x 24 x 21 (43.2 x 61 x 53.3)	80

All specifications are subject to change without notice.

