



»» Blue M

1200 °C Crucible Furnace

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Easy maintenance and convenient operation is essential in today's workplace. The efficient design of our 1200°C Crucible Furnace allows for dependability and durability. This furnace is compatible with alumina, mullite, quartz, and metallic crucibles. Cover plug with insulation and handle for safe removal. Hearthplate supports load and protects furnace from spillage. Automatically sets the PID values for your thermal process.



► Features

- Helical wire coil
- Moldatherm® insulation
- Platinel® II thermocouple with 10™ compensated lead wire and polarized plug
- Ceramic fiber hearthplate
- Programmable heat-up to setpoint temperature
- Indicates setpoint and process temperatures
- Temperature
 - 1200°C (2192°F) Maximum
- Crucible Sizes
 - 5" (Top Vestibule ID) x 8" (Heated Depth) -
 - 12" (Top Vestibule ID) x 18" (Heated Depth)

Model	Top Vestibule ID inches (cm)	Heated Depth inches (cm)	Wattage	Overall Dim. inches (cm)	Use w/Control Model	Shipping Weight lbs.
56622	5 (12.7)	8 (20.3)	1,700	16 x 15 x 15 (40.6 x 38.1 x 38.1)	58114	52
56822	7.5 (19)	8 (20.3)	2,600	19 x 20 x 20 (48.3 x 50.8 x 50.8)	58114	130
56962	10 (25.4)	14 (35.6)	6,800	28 x 28 x 28 (71.1 x 71.1 x 71.1)	58124	480
565-1218-1200	12 (30)	18 (45.7)	14,960	29 x 31 x 32 (73.7 x 78.7 x 81.3)	58154	550

All furnaces 208/240VAC, single phase, 50/60Hz.

Model	58114	58124	58154
Preset TC Input	Platinel II	Platinel II	Platinel II
Preset Control Range	1-1200C	0-1200C	0-1200C
Maximum Current	30 Amps	60 Amps	90 Amps
Voltage	208/240	208/240	208/240
Hertz	50/60	50/60	50/60
Overall Size (HxWxD in inches)	10 x 14 x 19 (25.4 x 35.6 x 48.3)	10 x 14 x 19 (25.4 x 35.6 x 48.3)	17 x 17 x 19 (43.2 x 43.2 x 48.3)
Shipping Weight	30 lbs.	30 lbs.	50 lbs.

All specifications are subject to change without notice.

Options:

- Pots
- Inert atmosphere retorts
- Combustible gas safety system
- Computer communications software
- 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.
 - Redundant circuit includes separate analog setting instrument with manual reset pushbutton, magnetic contactor and independent thermocouple.
- Digital communication kits
 - Allows modification and interrogation of all instrument control and configuration parameters from a remote computer.
 - Available to interface with RS-232 or RS-422/485 communication ports
- Programmer controller (Option P4)
 - Provides four 16-segment program of ramps (up or down) and dwells (timed holds)



Gruenberg, Blue M, Tenney

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THERMAL PRODUCT SOLUTIONS

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