



»»Blue M

1100 °C Crucible Furnace

1100°C Crucible Furnace

Designed for energy efficiency and compact design, the 1100°C Crucible Furnace covers a variety of vertical heat processing and melting applications. Insulation plugs minimize heat loss, improving uniformity. This furnace is compatible with alumina, mullite, quartz, and metallic crucibles and exhibits fast heat-up and recovery rates.



► Features

- Heating elements embedded in Moldatherm® insulation
- Ceramic fiber hearthplate
- All digital self-tuning instrumentation
- Insulated air spaces and cabinet venting
- Dual display readout instruments for comparing actual and setpoint temperatures
- Temperature
 - 1100°C (2012°F) Maximum
- Crucible Sizes
 - 5" (Top Vestibule Diameter) x 8" (Heated Depth) -
 - 7.5" (Top Vestibule Diameter) x 8" (Heated Depth)

Model	166		246		326		366		606		966	
Interior Volume	16.0 cu.ft.		24.0 cu.ft.		32.0 cu.ft.		36.0 cu.ft.		60.0 cu.ft.		96.0 cu.ft.	
Interior Dimensions WxDxH (inches)	24 x 24 x 48 (60.7 x 60.7 x 121.9)		36 x 24 x 48 (91.4 x 60.7 x 121.9)		48 x 24 x 48 (121.9 x 60.7 x 121.9)		36 x 36 x 48 (91.4 x 91.4 x 121.9)		36 x 48 x 60 (91.4 x 121.9 x 152.4)		48 x 48 x 72 (121.9 x 121.9 x 182.9)	
Exterior Dimensions WxDxH (inches)	51 x 39 x 85 (12.6 x 99.1 x 215.9)		63 x 39 x 85 (160 x 99.1 x 215.9)		75 x 39 x 85 (190.5 x 99.1 x 215.9)		63 x 51 x 85 (160 x 129.5 x 215.9)		80 x 63 x 93 (203.2 x 160 x 236.2)		92 x 63 x 104 (233.9 x 160 x 264.2)	
Machine footprint	13.8 sq.ft.		17.1 sq.ft.		20.3 sq.ft.		22.3 sq.ft.		35.0 sq. ft.		40.2 sq. ft.	
Electrical Service	Std	Hi Power	Std	Hi Power	Std	Hi Power	Std	Hi Power	Std	Hi Power	Std	Hi Power
208 VAC 1Ph 50/60 Hz Line current (per Ph)	9kW 29	9kW 29	11kW 33	16kW 48	14kW 42	20kW 61	11kW 33	11kW 33	11kW 33	11kW 33	24kW 76	N/A
240 VAC 1Ph 50/60 Hz Line current (per Ph)	12kW 33	12kW 33	14kW 38	21kW 54	18kW 47	27kW 70	18kW 47	27kW 70	24kW 47	34.5kW 96	32kW 87	N/A
480 VAC 3Ph 50/60 Hz Line current (per Ph)	12kW 17	12kW 17	14kW 19	21kW 28	18kW 24	27kW 35	18kW 24	27kW 35	24kW 34	36kW 48	32kW 43	

All specifications are subject to change without notice.

► Options:

- Pots
- Inert atmosphere retorts
- Combustible gas safety system
- Computer communications software
- Excess temperature protection
- Digital communications



Gruenberg, Blue M, Tenney

Mailing Address: P.O. Box 150 | White Deer, PA 17887-0150 | USA

Phone: (570) 538-7200 | Fax: (570) 538-7380

Physical Address: 2821 Old Route 15 | New Columbia, PA 17856-9396

info@thermalproductsolutions.com

Specifications and Product Information are subject to change without notice.

THERMAL PRODUCT SOLUTIONS

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