



»»Blue M

1100 °C Tube Furnace

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The 1100°C Tube Furnace gives you an energy efficient design with an economical price. It has fast heat-up recovery rates, exceptional temperature uniformity and cool furnace exterior.



► Features

- Moldatherm®, ceramic fiber insulation
- Unique furnace design
- Venting and insulating air spaces
- Accepts multiple sized process tubes (when used with optional tube adapter kit)
- Self-tuning 16-segment digital programmable or single setpoint digital controls available, configurable in C or F
- Energy efficient Moldatherm® insulation
- Accepts many different process tube diameters
- Long-life Type "K" thermocouples
- Temperature
 - 1100°C (2012°F) Maximum
- Chamber Sizes
 - Single zone, 12" heated length bored for 1-3" OD process tube - Three zone (9-18-9), 36" heated length bored for 3-6" OD process tube

Model	Chamber Work Dimensions inches (cm)	Wattage	Overall Dimensions inches (cm)	Controller Type	Shipping Weight lbs.
55320	Single zone, 12" heated length bored for 1-3" OD process tube.	1,850	23 x 17 x 21 (58.4 x 43.2 x 53.3)	Single setpoint	50
55321	Single zone, 12" heated length bored for 1-3" OD process tube.	1,850	23 x 17 x 21 (58.4 x 43.2 x 53.3)	Programmable	50
55340	Single zone, 24" heated length bored for 1-3" OD process tube.	3,800	35 x 17 x 21 (88.9 x 43.2 x 53.3)	Single setpoint	75
55341	Single zone, 24" heated length bored for 1-3" OD process tube.	3,800	35 x 17 x 21 (88.9 x 43.2 x 53.3)	Programmable	75
55345	Three zone (6-12-6), 24" heated length bored for 1-3" OD process tube.	3,800	35 x 17 x 21 (88.9 x 43.2 x 53.3)	Single setpoint	75
55346	Three zone (6-12-6), 24" heated length bored for 1-3" OD process tube.	3,800	35 x 17 x 21 (88.9 x 43.2 x 53.3)	Programmable	75
55665	Three zone (9-18-9), 36" heated length bored for 3-6" OD process tube.	11,000	54 x 22 x 26 (137.2 x 55.9 x 66)	Single setpoint	165
55666	Three zone (9-18-9), 36" heated length bored for 3-6" OD process tube.	11,000	54 x 22 x 26 (137.2 x 55.9 x 66)	Programmable	165

► Options:

- Computer communications port
- Software
- Inert and combustible atmosphere admission systems
- Retorts

All furnaces 208/240VAC, single phase, 50/60Hz. Power cord and process tube not included.

		Furnace			
		55320	55340	55345	55665
		55321	55341	55346	55666
Moldatherm Tube Adapters Use With Process Tube OD	1"	59541	59541	59541	n/a
	2"	59543	59543	59543	n/a
	3"	59545	59545	59545	59556
	4"	n/a	n/a	n/a	59557
	5"	n/a	n/a	n/a	59558
	6"	n/a	n/a	n/a	59559
	Blank (Solid)	59549	59549	59549	59559
	Kits	59553-K	59553-K	59553-K	59556-K



Gruenberg, Blue M, Tenney

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Specifications and Product Information are subject to change without notice.

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THERMAL PRODUCT SOLUTIONS

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