

## 1100°C Tube Furnace

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 Dim. inches (cm)	Control 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

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

Moldatherm Tube Adapters Use With Process Tube OD	Furnace			
	55320	55340	55345	55665
	55321	55341	55346	55666
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

All specifications are subject to change without notice.

### Options

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

