

Thermo Scientific Lindberg/Blue M Mini-Mite Tube Furnaces

Compact, single tube furnace insulated with Moldatherm for quick heatup and cooldown



- Microprocessor-based self-tuning PID control provides optimal thermal processes without overshoot
- Single segment, single setpoint, one ramp to setpoint
- Adjustable high-limit over-temperature protection
- Simultaneous LED display of temperature and setpoint in °C or °F
- Split-hinge design simplifies loading and unloading
- Safety switch disconnects power when furnace is opened
- Type K long-life thermocouple

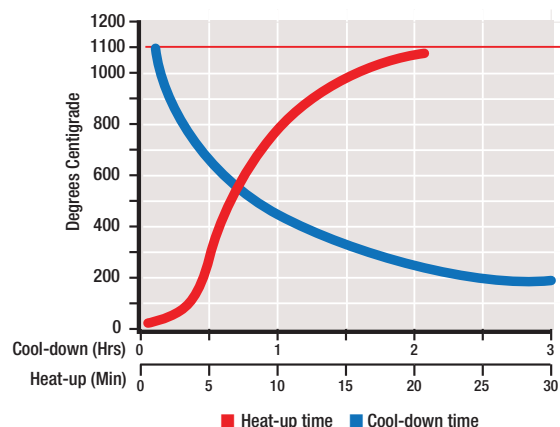
Control options

- A, B, all models include adjustable high limit over-temperature protection
- See page 7 for details

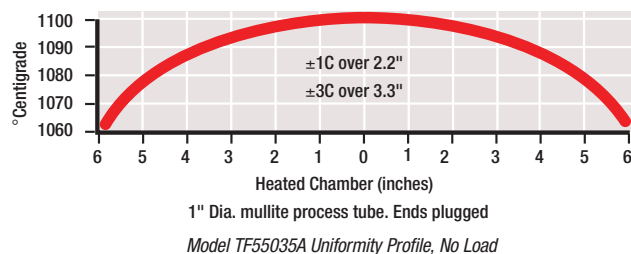
APPLICATIONS

- Pyrolysis
- Thermal Expansion
- Calibration
- Sintering
- Viscosity Testing

HEAT-UP/COOL-DOWN



Heat and cool rates measured in center 1"OD process tube. Ends of tube plugged with ceramic fiber.
Model TF55035A Heat-Up/Cool-Down



Actual performance may vary depending on load, chamber size, sample placement, ambient temperature and environmental conditions.

Cat. No.	Temperature Range	Heating Zone	Outside Dia. [Tube]	Overall L x W x H	Control	Electrical	Shipping Weight	Plug Type
TF55030A-1	100° to 1100°C	30.5cm (12in.)	25.4cm (1in.)	28 x 41 x 38cm (11 x 16 x 15in.)	A, OTC	120V 50/60Hz 800w; 6.8A	16kg (35 lb.)	
TF55030C-1	100° to 1100°C	30.5cm (12in.)	25.4cm (1in.)	28 x 41 x 38cm (11 x 16 x 15in.)	A, OTC	208/240V 50/60Hz 800w; 3.3A	16kg (35 lb.)	
TF55035A-1	100° to 1100°C	30.5cm (12in.)	25.4cm (1in.)	28 x 41 x 38cm (11 x 16 x 15in.)	B, OTC	120V 50/60Hz 800w; 6.8A	16kg (35 lb.)	
TF55035C-1	100° to 1100°C	30.5cm (12in.)	25.4cm (1in.)	28 x 41 x 38cm (11 x 16 x 15in.)	B, OTC	208/240V 50/60Hz 800w; 3.3A	16kg (35 lb.)	

To add RS-485 Digital Communications Port to Furnace model, add "COM" before last letter in cat. no. - e.g., TF55030COMA-1
208-240V units are available with cord and plug for China; please add "K" before last letter in cat. no. - e.g., TF55030KC-1 (note: no RS-485 port available for this version)

Ordering information: Process tubes not included and required. Purchase separately.

Includes: 9ft. (3m) power cord

Warranty: 1 year (parts and labor)