Thermo Scientific Lindberg/Blue M 1500 °C general-purpose tube furnaces

Integral temperature control designed for a range of applications which require processing flexibility with fast heatup and recovery

- Energy-efficient Moldatherm insulation increases temperature uniformity, improves energy efficiency and helps to maintain low exterior cabinet temperatures during operation
- Accommodate 1in., 2in. and 3in. O.D. process tubes (customer supplied)
- Silicon carbide heating elements positioned above and below tube works with Type "R" thermocouple to stabilize temperature

- Integral microprocessor-based PID programmable control (proportional, integral, derivative) prevents overshoot
- Adjustable high limit over-temperature protection
- Simultaneous LED display of actual temperature vs. setpoint
- Temperature display in °C or °F

Control options
- B, C
- Optional Over Temperature Control (OTC) available on Multi Program/ Multi Segment model (C)
- See page 7 for details

Applications

- Heat treatment
- Sintering
- Annealing
- Atmosphere processing
- Melting
- Fusing

Cat. No.	Control	Temperature Range	Heated Zone	Exterior L x W x H	Tube O.D.	Electrical	Shipping Weight	Plug Type
STF55433C-1	B	500° to 1500 °C	30.5 cm (12 in)	48.3 x 58.4 x 43.2 cm (19 x 23 x 17 in)	2.54 to 7.62 cm (1 to 3 in)	208/240 V, 50/60 Hz, 6000 W, 25 A	123 kg (270 Lb.)	No plug, no cable, requires hardwiring
STF55433PC-1	C	500° to 1500 °C	30.5 cm (12 in)	48.3 x 58.4 x 43.2 cm (19 x 23 x 17 in)	2.54 to 7.62 cm (1 to 3 in)	208/240 V, 50/60 Hz, 6000 W, 25 A	123 kg (270 Lb.)	No plug, no cable, requires hardwiring
STF55433PBC-1	C, OTC	500° to 1500 °C	30.5 cm (12 in)	48.3 x 58.4 x 43.2 cm (19x23x17 in)	2.54 to 7.62 cm (1 to 3 in)	208/240 V, 50/60 Hz, 6000 W, 25 A	123 kg (270 Lb.)	No plug, no cable, requires hardwiring

To add RS-485 digital communications port to furnace model, add "COM" before last letter in Cat. No. – e.g., STF55433COMC-1

Accessories - Tube adapters

Cat. No.	Description	For Use with
7100-2444-070	2.5 cm (1 in)	STF55433C-1, STF55433PC-1, STF55433PBC-1
7100-2444-068	5 cm (2 in)	STF55433C-1, STF55433PC-1, STF55433PBC-1
7100-2444-069	7.6 cm (3 in)	STF55433C-1, STF55433PC-1, STF55433PBC-1

Note: Tube adapters sold individually (not as sets).

Ordering information: Required power cord, hardwiring and interconnecting wiring are not included. For information on process tubes contact your process tube supplier.
Includes: 1 set of two 2" tube adapters
Warranty*: 1 year (parts and labor)