

Thermolyne Furnaces



Small Benchtop Muffle

Thermolyne Quality -Low Price!

- 1100°C maximum temperature
- Choice of 76 or 129 cubic inch capacities

Product Description

- Ceramic fiber insulation permits faster heat-up, reduces energy consumption.
- Embedded heating element on top and both sides improves temperature uniformity.
- Drop-down door doubles as a convenient shelf for loading and unloading.
- All models shipped complete with power cord.

Operation

- A1: Digital single set point control. A single display shows actual temperature or set point.

Safety

- Door safety switch protects operator by removing power to the heating elements upon opening the door.
- Thermocouple break protection cuts power to the heating elements, prevents a thermocouple failure runaway condition.
- The rear of the chamber incorporates a 0.38" (0.95 cm) diameter port for monitoring chamber temperatures with independent measuring devices.



Type FB1400 and FB1300



Applications

- Ashing organic, inorganic samples
- Heat treating small steel parts
- Ignition tests
- Gravimetric analysis
- Determination of volatile and suspended solids

PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Chamber Cubic Inches (liters)	Shipping Weight Lb. (kg)
	W	H	D	W	H	D		
FB1300	4 (10.3)	3.8 (9.8)	5.0 (13)	9 (23)	14 (36)	13 (33)	76 (1.3)	20 (9)
FB1400	4.7 (11.9)	4.9 (12.5)	5.6 (14.3)	10 (25)	14.5 (37)	15.8 (40)	129 (2.1)	28 (12.7)
Uniformity at 1000°C							Stability at 1000°C	
FB1300 (chamber)							± 7.8°C	
FB1400 (chamber)							± 5.0°C	

ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	Operating Temp Range °C	Temp Control Group	US List Price
FB1315M	120	8.8	1050	100-1100	A1	\$847.00
FB1318M	208	5.0	1050	100-1100	A1	\$847.00
FB1310M	240	4.4	1050	100-1100	A1	\$847.00
FB1310M-33	240	4.4	1050	100-1100	A1	\$917.00
FB1415M	120	12.5	1500	100-1100	A1	\$1,046.00

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	Operating Temp Range °C	Temp Control Group	US List Price
FB1418M	208	7.2	1500	100-1100	A1	\$1,046.00
FB1410M	240	6.3	1500	100-1100	A1	\$1,046.00
FB1410M-33	240	6.3	1500	100-1100	A1	\$1,020.00

-33 models CE marked
All models are CSA

ACCESSORIES

Model #	Description	Overall Dimensions, Inches (cm)			US List Price
		W	H	D	
PH44X1	FB1300 Hearth Tray	4 (10.1)	0.4 (1.9)	4.75 (12)	\$14.20
PH48X1	FB1400 Hearth Tray	5.5 (13.9)	0.5 (1.3)	5.4 (13.7)	\$30.60