

## Thermo Scientific™ Thermolyne™ Compact Benchtop Muffle Furnaces

### Get easy, digital control of samples

- Ideal for ignition tests, gravimetric analysis, and heat treating steel parts
- Feature single set point digital control
- Digital LED displays chamber temperature

Furnaces feature ceramic fiber insulation for fast heat-up and reduced energy consumption—rise time to 1100°C takes only 50 minutes. Embedded heating elements on three sides give an improved temperature gradient. Drop-down door serves as a convenient shelf for loading and unloading samples. A safety interlock switch disconnects power to heating elements whenever the door is opened. Chambers are constructed of heavy-duty welded steel. Order optional hearth plate below to protect furnace from spills.



#### Specifications

Operating temperature range: 100 to 1100°C    Temperature control accuracy: ±2.0°C    Temperature stability: ±2.0°C at 1000°C



Capacity cu in. (L)	Dimensions (W x H x D)		Temperature uniformity	Watts (at 1000°C)	120 VAC, 50/60 Hz		240 VAC, 50/60 Hz	
	Chamber	Overall			Cat. no.	Price	Cat. no.	Price
75 (1.23)	4" x 3 3/4" x 5" (10.2 x 9.5 x 12.7 cm)	9" x 14" x 13" (22.9 x 35.6 x 33.0 cm)	±7.8°C	1060	<a href="#">GH-33900-00</a>		<a href="#">GH-33900-05</a>	
128 (2.1)	5" x 4 1/4" x 6" (12.7 x 10.8 x 15.2 cm)	10" x 14 1/2" x 15 13/16" (25.4 x 36.8 x 40.1 cm)	±5.0°C	1520	<a href="#">GH-33900-10</a>		<a href="#">GH-33900-15</a>	

[GH-33900-51](#) Ceramic hearth plate for 33900-10 and -15

## Thermo Scientific™ Lindberg™ Blue M™ Muffle Furnaces

### No more long waits

- Rise times as fast as 15 minutes!
- Microprocessor-based PID control prevents overshooting of set temperature

Choose models with either a single set point (SSP) or a sixteen-segment, programmable controller. Safety features include adjustable, high-limit overtemperature protection and a safety interlock system to cut off power to the heating elements when the door is opened.

Energy-efficient Moldatherm® insulation and double-wall construction help maintain a cool outer temperature as well as uniform heat distribution within the chamber. An air vent ventilates chamber; an atmosphere inlet lets you purge inert gases and check temperature.



#### Specifications

Operating temperature range: up to 1100°C    Temperature control accuracy: ±1°C



Capacity cu in. (L)	Dimensions (W x H x D)		Temp. uniformity	Rise time (to 1100°C)	Watts	Shpg wt		120 VAC, 50/60 Hz		208/240 VAC, 50/60 Hz		Ceramic hearth plates	
	Chamber	Overall				lb	kg	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price
<b>Furnaces with SSP programmable control</b>													
121 (2)	4" x 4" x 8" (10.2 x 10.2 x 20.3 cm)	15" x 17 1/2" x 20" (38.1 x 44.5 x 50.8 cm)	±2°C at 1100°C	15 minutes	1800	55	25	—	—	<a href="#">GH-33852-14</a>		<a href="#">GH-33852-70</a>	
324 (5.3)	6" x 6" x 9" (15.2 x 15.2 x 22.9 cm)	17" x 21 1/2" x 21" (43.2 x 54.6 x 53.3 cm)		25 minutes	1800	110	50	—	—	<a href="#">GH-33852-22</a>		<a href="#">GH-33852-71</a>	
1123 (18.4)	9" x 9" x 14" (22.9 x 22.9 x 35.6 cm)	21" x 26" x 25 3/4" (53.3 x 66.0 x 65.4 cm)		35 minutes	3500	130	59	—	—	<a href="#">GH-33852-27</a>		<a href="#">GH-33852-72</a>	
<b>Furnaces with sixteen segment programmable control</b>													
121 (2)	4" x 4" x 8" (10.2 x 10.2 x 20.3 cm)	15" x 17 1/2" x 20" (38.1 x 44.5 x 50.8 cm)	±2°C at 1100°C	15 minutes	1800	55	25	<a href="#">GH-33852-30</a>		—	—	<a href="#">GH-33852-70</a>	
324 (1.6)	6" x 6" x 9" (15.2 x 15.2 x 22.9 cm)	17" x 21 1/2" x 21" (43.2 x 54.6 x 53.3 cm)		25 minutes	1800	110	50	<a href="#">GH-33852-40</a>		—	—	<a href="#">GH-33852-71</a>	
1123 (18.4)	9" x 9" x 14" (22.9 x 22.9 x 35.6 cm)	21" x 26" x 25 3/4" (53.3 x 66.0 x 65.4 cm)		35 minutes	3500	130	59	—	—	<a href="#">GH-33852-45</a>		<a href="#">GH-33852-72</a>	
2592 (42.48)	12" x 12" x 18" (30.5 x 30.5 x 45.7 cm)	24" x 28" x 30" (61.0 x 71.1 x 76.2 cm)		45 minutes	5600	185	84	—	—	<a href="#">GH-33852-55†</a>		<a href="#">GH-33852-73</a>	

†Uniformity is ±2°C for back 2/3 of heated chamber length; ±5°C for entire chamber length. ‡Model 33852-55 does not include a power cord.

[GH-06443-50](#) Crucible tongs, 20" (50.8 cm) L