

Thermo Scientific M104 Muffle Furnaces

Excellent protection against sample contamination with abrasion-resistant ceramic annealing chamber



- Designed for minimum space requirements and can be set up under the laboratory fume hood
- Environmentally friendly and economical — asbestos-free insulation minimizes energy consumption and keeps exterior temperature low
- Easy handling and loading via tilting door that also protects users from hot inside surface
- Reaches rated temperature of 1000°C in 110 min.*
- Working volume of 3.5L
- Standard model equipped with electronic controller, digital display and upper limit cut-out; deluxe models available with electronic or programmable controller, timer and exhaust fan

Ideal for applications including:

- Chemical analysis
- Annealing loss determination
- Materials testing
- Ashing processes

Ordering Alerts: Not available in North America
Certifications: CE
Warranty: 2 years (parts and labor)

Cat. No.	Description	Capacity	Max. Temp.	Temp. Uniformity	Chamber Dimensions (D x W x H)	Exterior Dimensions (D x W x H)	Heat Output	Electrical	Shipping Weight
M104 Muffle Furnace									
50040485	With electronic controller and upper limit cut-out	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50040486	With electronic controller, upper limit cut-out and 24-hour timer	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50040487	With electronic controller, upper limit cut-out, 24-hour timer and exhaust fan	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50040488	With digital programmable temperature controller and upper limit cut-out	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50040489	With digital programmable temperature controller, upper limit cut-out and exhaust fan	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50049820	With adjustable fresh air supply for incinerating processes	3.5L (0.12 cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)
50040903	With electronic controller	3.5L (0.12cu. ft.)	1000°C	± 10°K	16 x 17 x 13cm (6.3 x 6.7 x 5.1in)	57 x 45.6 x 64.6cm (22.4 x 18 x 25.4in)	2.5kW	230V 50/60Hz, 1040W	51kg (112.4 lb.)

* measured at ambient temperature of 23°C, with no load