

Thermo Scientific M110 muffle furnaces

Even heat distribution and economical operation in a small footprint

- Outstanding insulation and heating element arrangement give even heat distribution with minimal fluctuation
 - Two-shell design with air pocket between annealing box and outside walls
 - Requires only 0.41 sq m of bench space
 - Rugged and flexible – for all types of lab applications, including heating of metals and drying at high temperatures
 - Multiple layers of high-quality, asbestos-free ceramic fiber insulation
 - Heating elements safely positioned in grooved blocks on side walls of the work space, covered with ceramic plates
 - Hinged door designed with parallel forced guidance system – hot surface always faces away from user when door is open
 - Adjustable upper limit cut-out protects samples and equipment
 - Reaches 1100 °C in 100 min.*
- Temperature controller**
- Programmable control C2
 - See page 6 for control details



Applications

- Incineration and annealing processes
- Test baking
- Heat treatment of metals
- Material testing

Cat. No.	Capacity	Max. Temp.	Temp. Uniformity	Chamber Dimensions (D x W x H)	Exterior Dimensions (D x W x H)	Control	Heat Output	Electrical	Shipping Weight	Plug Type
51000802	9 L (0.32 cu. ft.)	1100 °C	±7 °K	30 x 20 x 15 cm (11.8 x 7.9 x 5.9 in)	72 x 57.6 x 75.2 cm (28.4 x 22.7 x 29.6 in)	C2 with upper limit cut-out	2.9 kW	230 V, 50/60 Hz 1400 W	78 kg (172 Lb.)	
51000808	9 L (0.32 cu. ft.)	1100 °C	±7 °K	30 x 20 x 15 cm (11.8 x 7.9 x 5.9 in)	72 x 57.6 x 75.2 cm (28.4 x 22.7 x 29.6 in)	C2 with upper limit cut-out, exhaust fan and flue	2.9 kW	230 V, 50/60 Hz 1400 W	78 kg (172 Lb.)	

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

Accessories M104, 114, M110 muffle furnaces

Cat. No.	Description	For Use With
50040537	Exhaust flue	K114 chamber furnace and M104 muffle furnace
50040950	Tray	K114 chamber furnace and M104 muffle furnace
50006394	Exhaust flue	M110 muffle furnace
50006408	Tray	M110 muffle furnace
Factory-Installed Options		
50044447	Calibration certificate for 900 °C at center of work space	
50044188	Calibration, additional measuring point	

Ordering Alerts: Not available in North America

Certifications: CE

Warranty*: 2 years (parts and labor)