

Thermo Scientific Thermolyne benchtop muffle furnaces

Reduce energy consumption and increase heatup time

- Reaches a 1200 °C maximum temperature
- Available in two capacities for added flexibility
- Built-in vent port removes contaminants and moisture to extend the life of the heating element and furnace ; also ideal for ashing applications
- For added protection, the door safety switch stops power to heating elements when door opens
- Thermocouple break protection cuts power to heating elements, preventing a thermocouple failure runaway condition
- Two open coil heating elements on chamber sides assure fast heat-up with minimum temperature gradient
- Thermal-efficient ceramic insulation surrounds chamber for maximum energy efficiency
- 0.312 in. dia. port for monitoring chamber temperatures with independent measuring device at rear of chamber

F47900, F48000 models

- F47900 models have 2 L (0.07 cu.ft.) chamber capacity, F48000 models have 5 L (0.2 cu.ft.) chamber capacity

Temperature controller options

- Controls A1, B1, C1, D1
- See page 6 for control details

Applications

General laboratory use including:

- Gravimetric analysis
- Ashing of organic and inorganic samples
- Sintering
- Quantitative analysis
- Heat treating



Accessories

Cat. No.	Description	For Use With
PH479X1	Hearth tray, 15.2 x 14.3 x 0.95 cm	F47900 muffle furnace
SH480X1	Ceramic shelf, 17.4 x 17.3 x 1.2 cm	F48000 muffle furnace
PH480X1	Hearth tray, 25.4 x 19.3 x 0.95 cm	F48000 muffle furnace
AY408X1A	Stainless steel exhaust tubing kit, 2.5 in. ID x 60 in. L	Atmosphere controlled ashing and muffle furnaces

Includes: Power cord and one hearth tray, F48000 models also include a ceramic shelf (SH480X1)

Warranty*: 1 year (parts and labor)

Certifications: CSA approved, CE marked as indicated

