

# 'SUPER HEAT' Muffle Furnace



SPECIFICATIONS										
Model	Internal Dimensions						External Dimension			
Muffle Furnace	Cat No.						Excluding Door Weights			
	H x W x D (mm)						H x W x D (mm)			
'SUPER HEAT' M1L	09000362						75 x 75 x 150			535 x 380 x 420
'SUPER HEAT' M2L	09000386						100 x 125 x 150			535 x 380 x 420
'SUPER HEAT' M3L	09000427						90 x 150 x 235			560 x 435 x 510
'SUPER HEAT' M4L	09000403						120 x 175 x 175			560 x 435 x 510
'SUPER HEAT' M7L	09000441						120 x 175 x 355			560 x 435 x 640
'SUPER HEAT' M15L	09000465						140 x 190 x 560			560 x 435 x 840
'SUPER HEAT' M20L	09000472						200 x 225 x 455			635 x 535 x 740
'SUPER HEAT' M28L	09000489						200 x 305 x 455			635 x 535 x 740
'SUPER HEAT' M42L	09000496						305 x 305 x 455			740 x 585 x 740
'SUPER HEAT'	M1L	M2L	M3L	M4L	M7L	M15L	M20L	M28L	M42L	
Weight Nett Kg	32	34	45	45	58	85	95	109	155	
Max Power W	1000	1550	2000	2000	3000	6000	6000	7000	7000	
Supply	220/240 Volts 50 Hz Single Phase						3 Phase to order			
<b>Performance</b>										
'SUPER HEAT'	M1L	M2L	M3L	M4L	M7L	M15L	M20L	M28L	M42L	
Max Temp °C	1200									
Time to reach 1000 °C - mins	37	40	60	65	85	95	95	115	110	

## OTHER PRODUCTS AVAILABLE FROM TOWNSON & MERCER

### TUBE FURNACES

Our range of tube furnaces are divided into 2 temperature ranges.

Upto 1200°C and upto 1450°C.

Each temperature range can be supplied with a single, double or four tube version.

The heating tubes are nominally 300 mm long with hot zones of 150 mm.

Work tubes can be supplied with sizes to suit specialised application but as standard have dimensions of 32 mm o/d x 25 mm i/d, x 760 mm long.

### HIGH TEMPERATURE CHAMBER FURNACES

With Chamber dimensions similar to our Muffle range, internal temperatures of 1400°C, 1500°C and 1600°C are available using low voltage silicon carbide rod elements. Temperatures of 1700°C are manufactured using high performance element materials - please discuss your needs with our engineers.

### SPECIAL PURPOSE FURNACES

Please discuss details if you require:

- Multi zone tubes
- Rapid heating furnaces

- Rapid cooling furnaces
- Fast cycle with forced cooling
- Split tube - horizontal or vertical
- Ashing and burn off furnaces
- Large diameter horizontal tube furnaces
- Double chamber furnaces
- "Top Hat" furnaces
- Crucible furnaces - top & bottom loading
- Tilting crucible furnaces
- Rotary tube furnaces
- Coal and coke testing furnaces

\*\* Plus your own particular need \*\*