

## Volatile Matter Furnace - VMF

### General Information

The VMF is specifically designed for testing the volatile matter of coal.

### Standard features

- VMF / ASTM for testing to ASTM D3175-11
- VMF / ASTM complete with crucible, lid and holder
- VMF 10/6 for testing to ISO 562:2010
- VMF 10/6 parallel opening door
- VMF 10/6 calibration ports to enable unsheathed thermocouple to be positioned below each crucible

### Options (specify these at time of order)

- Accessory crucibles and lids available
- 4 crucible rack with loading handle (for VMF 10/6)
- 9 crucible rack with loading handle (for VMF 10/6)
- Over temperature protection
- Digital communications or nanodac paperless chart recorder to provide documentary evidence of the test procedure (for VMF 10/6)
- Optional calibrated thermocouple probe with digital indicator (for VMF 10/6)



### Technical Specifications

#### VMF/ASTM

Max temp (°C)	1000
Type	Top loading
Maximum continuous operating temp (°C)	900
Dimensions: Internal Diameter x D (mm)	50 x 100
Dimensions: External H x W x D (mm)	330 x 410 x 300
Max power (W)	950
Thermocouple type	N
Weight (kg)	9
Power supply	220 - 240V, 50 - 60Hz, single phase and neutral supply with protective earth (ground) connection, 4A

## Volatile Matter Furnace - VMF

### VMF 10/6

Max temp (°C)	1000
Type	Front loading
Maximum continuous operating temp (°C)	900
Heat-up time (mins)	20 to 900°C
Dimensions: Internal H x W x D (mm)	100 x 210 x 260
Dimensions: External H x W x D (mm)	655 x 435 x 610
Max power (W)	3000
Thermocouple type	K
Weight (kg)	47
Power supply	220 - 240V, 50-60Hz, single phase, 13A