

VOLATILE MATTER FURNACE - VMF

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

STANDARD FEATURES

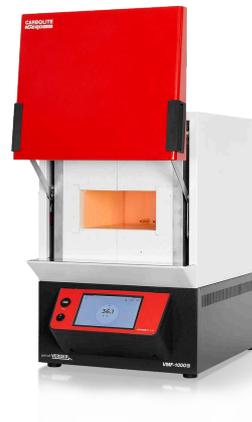
- | VMF / ASTM for testing to ASTM D3175-11
- | VMF / ASTM complete with crucible, lid and holder
- | VMF 10/6 for testing to ISO 562:2010
- | VMF 10/6 soft closing, vertical lift door
- | VMF 10/6 calibration ports to enable unsheathed thermocouple to be positioned below each crucible

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)



VMF 10/6



VMF 10/6



Optional 4 crucible stand + 4 crucibles with lids (VMF 10/6)



Optional crucible with lid (VMF 10/6)



Corrosion and oxidation resistant inconel crucible & lid (VMF/ASTM) - supplied with the furnace



Standard wire crucible holder shown with crucible & lid (VFM/ASTM) - supplied with the furnace

Content may be subject to modifications or corrections

TECHNICAL DETAILS (MODELS)

	VMF/ASTM	VMF 10/6
Max temp (°C)	1000	1000
Maximum continuous operating temp (°C)	1000	950
Type	Top loading	Front loading
Dimensions: Internal Diameter x D (mm)	50 x 100	
Dimensions: External H x W x D (mm)	330 x 410 x 300	670 x 435 x 608
Max power (W)	950	3000
Thermocouple type	N	K
Weight (kg)	9	47
Power supply	220 - 240V, 50 - 60Hz, single phase and neutral supply with protective earth (ground) connection, 4A	220 - 240V, 50-60Hz, single phase, 13A
Heat-up time (mins)		20 to 900°C
Dimensions: Internal H x W x D (mm)		100 x 210 x 260

www.carbolite.com/vmf