



CFM - Combustion Tube Furnaces

General Information

The CFM combustion tube furnace has been specifically engineered for the determination of carbon and hydrogen in coal and coke as described in the following test methods:

BS 1016-106.1.2:1996 BS 1016-106.2:1997 ASTM D3177-02(2007) ISO

351:1996 ISO 609:1996

The CFM is available for maximum operating temperatures up to 1200°C (CFM 12) and for maximum operating temperatures up to 1400°C (CFM 14).



Standard Features

- For combustion analysis of sulphur in coal
- Designed for testing to ASTM D4369-12 (Method B)
- Also suitable for other laboratory combustion tube analysis techniques
- Single and double tube models (see also the CFM 14 high temperature range)
- Accepts 25mm bore work tubes

Options

- Equipped with the Carbolite 301 PID controller.

Technical Specifications

CFM 12/1

Max temp (°C)	1200
Maximum continuous operating temp (°C)	1150
Heated tube length (mm)	300
Number of tubes	1
Furnace inner diameter (mm)	38
Worktube inner diameter (mm)	25
Max power (W)	1000
Dimensions: External H x W x D (mm)	526 x 422 x 363
Power supply	220V - 240V, 50-60Hz, single phase



CFM - Combustion Tube Furnaces

CFM 12/2

Max temp (°C)	1200
Maximum continuous operating temp (°C)	1100
Heated tube length (mm)	300
Number of tubes	2
Furnace inner diameter (mm)	38
Worktube inner diameter (mm)	25
Max power (W)	1500
Dimensions: External H x W x D (mm)	526 x 422 x 363
Power supply	220- 240V / 50-60Hz, single phase