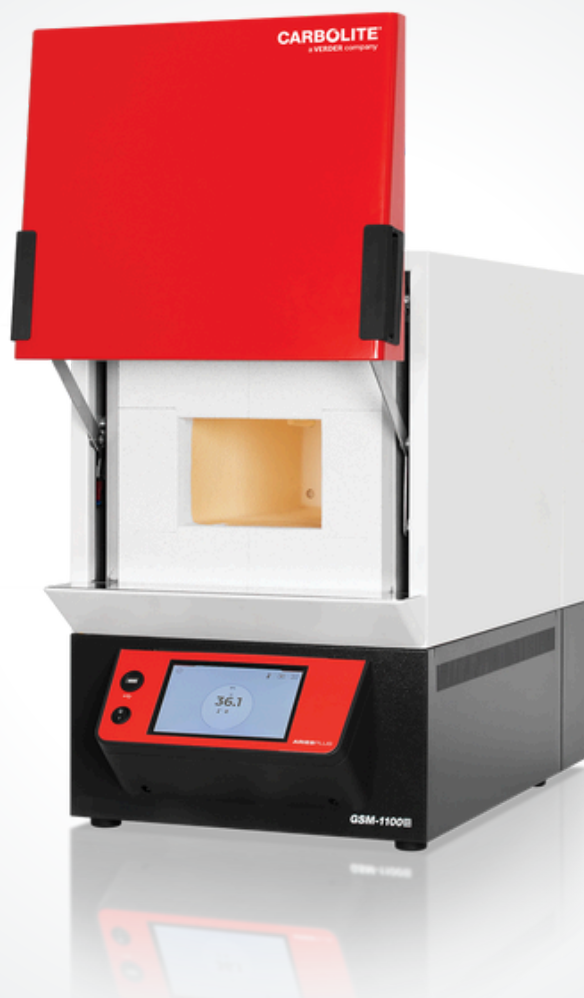




ASHING FURNACE

GSM

www.carbolite.com/products/chamber-furnaces/ashing-furnaces/gsm/

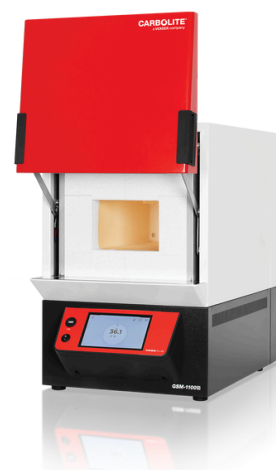
GSM

ASHING FURNACE

Some analysis techniques may be affected by alumina or silica dust (Al_2O_3 at SiO_2) – the materials normally used to construct furnace chambers. To avoid this the GSM furnace chamber is constructed from a fused quartz material.

This design also offers superior containment of aggressive and corrosive vapours such as sulphuric, nitric and hydrochloric acids by keeping them away from the heating elements.

Additionally if an optional gas inlet is specified, the enclosed design minimises gas leakages from the chamber.

**GSM**

STANDARD FEATURES

- | 1100°C maximum operating temperature
- | Fused quartz furnace chamber, ideal for analyses where Al_2O_3 or SiO_2 could contaminate test results
- | Moulded ceramic fibre door plug
- | Carbolite 301 controller with single ramp to set-point and process timer
- | Chamber lining offers superior containment of corrosive & aggressive vapours such as H_2SO_4 , HNO_3 , HCl
- | 4 sided heating (2 sides, roof, hearth)

GSM**OPTIONS**

Specify these at time of order.

- | A range of sophisticated digital controllers, multisegment programmers and data loggers with digital communication options is available
- | Gas inlet for modified atmospheres (the fused quartz liner provides improved containment)
- | Sample trays & racks

GSM**TECHNICAL DATA**

Model	GSM 11/8
Max temp (°C)	1100
Heat-up time (mins)	70
Max continuous operating temp (°C)	1000
Dimensions: Internal H x W x D (mm)	120 x 175 x 345
Dimensions: External H x W x D (mm)	670 x 435 x 750
Dimensions: External with door open H x W x D (mm)	915 x 435 x 805
Dimensions: Height to top chimney (mm)	1070
Volume (litres)	8
Max power (W)	3050
Holding power (W)	1700
Thermocouple type	K
Weight (kg)	57

DOWNLOADS

PRODUCT DATA SHEET GSM → carbolite.com/files/450751/product-data-sheet-gsm.pdf

GSM 11/8 DRAWING → carbolite.com/files/52682/gsm-11-8-with-no-controls-section.pdf

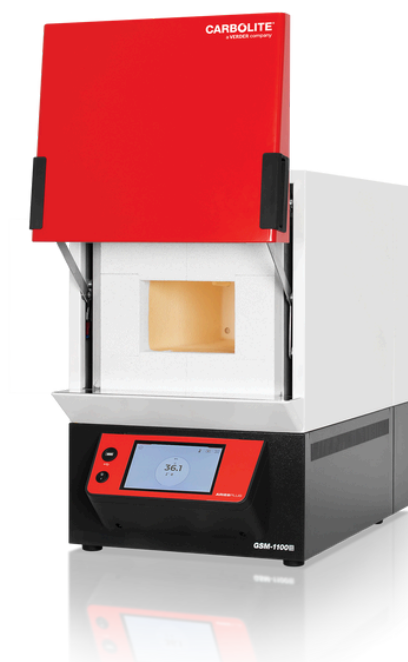
GSM

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