

Some analysis techniques may be affected by alumina or silica dust (Al_2O_3 and 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.

Standard features

- 1100°C maximum operating temperature
- Fused quartz furnace chamber, ideal for analyses where Al_2O_3 and SiO_2 could contaminate test results
- Chamber lining offers superior containment of corrosive & aggressive vapours such as H_2SO_4 , HNO_3 , HCl
- Moulded ceramic fibre door plug

Options (specify these at time of order)

- Gas inlet for modified atmospheres (the fused quartz liner provides improved containment)
- Sample trays & racks
- A range of sophisticated digital controllers, multi-segment programmers and data loggers is available. These can be fitted with RS232, RS485 or Ethernet communications (see pages 88-91)

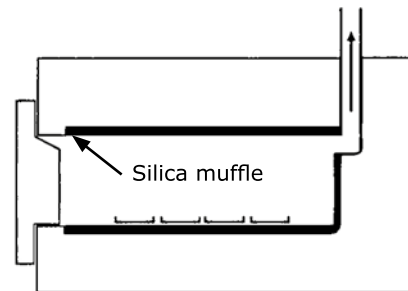


- 1 AAF 11/3 tray
- 2 AAF 11/7 tray
- 3 AAF 11/18 & AAF 12/18 two tier rack system
- 4 Loading handle



GSM 11/8

Airflow in GSM



Technical data

Model	Max temp (°C)	Heat-up time (mins)	Max continuous operating temp (°C)	Dimensions: Internal H x W x D (mm)	Dimensions: External H x W x D (mm)	Dimensions: External with door open H x W x D (mm)	Dimensions: Height to top chimney (mm)	Volume (litres)	Max power (W)	Holding power (W)	Thermocouple type	Weight (kg)
GSM 11/8	1100	70	1000	120 x 175 x 345	655 x 435 x 750	895 x 435 x 750	1060	8	3050	1700	K	57