



1200°C G range Tube Furnaces

These furnaces can accept worktubes with an outside diameter from 20 – 170mm. The range includes seven heated lengths from 300mm to 1200mm in both horizontal and vertical versions, with either single-zone or three-zone control. The multi-zone models can provide particularly good temperature uniformity.

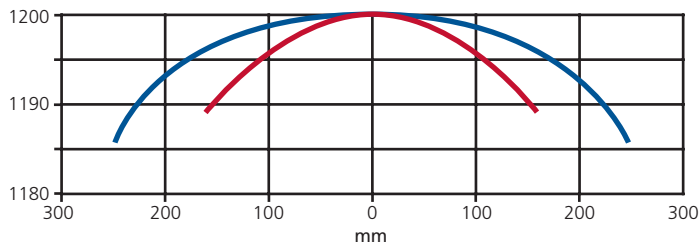
Heating is provided by semi-embedded, free-radiating wire elements in vacuum formed insulation modules, which provide good support and increase the working life of the element. An integral worktube is not fitted and a separate worktube must be used, but removable tube adaptors at each end of the furnace allow rapid changes for different size worktubes.

The horizontal versions are mounted on an attractive base unit, whilst the versatile models are supplied with a stand kit and a separate control box with a length of conduit flex which permits horizontal, vertical and wall mounted use. (see page 30 for more details)



GHA 12/75/600/301

°C Uniformity profiles



GHC 12/80/450 ±5°C over 300mm GHC 12/80/600 ±5°C over 440mm

Horizontal Tube Furnaces	GHA 12/300	GHA 12/450	GHA 12/600	GHA 12/750	GHA 12/900	GHA 12/1050	GHA 12/1200
Max. Temperature (°C)	1200	1200	1200	1200	1200	1200	1200
Continuous Temperature (°C)	1100	1100	1100	1100	1100	1100	1100
Heat up time (mins)	90	75	~	~	~	100	~
Maximum o/d of Separate Worktube (to hold sample) (min 20mm)	170	170	170	170	170	170	170
Worktube length:							
heating in air (mm)	500	650	800	950	1100	1250	1400
heating with Atmosphere (mm)	900	1050	1200	1350	1500	1650	1800
Heated Length (mm)	300	450	600	750	900	1050	1200
Overall Furnace length (mm)	480	630	780	930	1080	1230	1380
Horizontal Mounting on Control Box	✓	✓	✓	✓	✓	✓	✓
Thermocouple Type	N	N	N	N	N	N	N
Max Power (W)	2300	3100	3900	4600	5400	6200	7000
Holding Power (W)	~	~	~	~	~	~	~
External Dimensions:							
H (mm)	670	670	670	670	670	670	670
W (mm)	526	676	826	976	1126	1276	1426
D (mm)	468	468	468	468	468	468	468
Weight (kg)	~	36.5	40	51	55	~	~

- 1) Holding power is measured at 100°C below max. temperature, based on 240V supply, with an empty chamber.
- 2) Uniformity graphs are available on request, for most models.
- 3) Heat up time is measured at 100°C below max. temperature with an empty tube.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.