



GENERAL PURPOSE INDUSTRIAL CHAMBER FURNACE

GPC

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GPC

GENERAL PURPOSE INDUSTRIAL CHAMBER FURNACE

The GPC general purpose chamber furnaces are large floor-standing models.

Available at 1200 °C and 1300 °C with capacities ranging from 131 to 400 litres.



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STANDARD FEATURES

- | 1200°C or 1300°C maximum operating temperature
- | Programmable EPC3016P1 controller
- | Free radiating coiled wire elements on two sides and roof
- | Low thermal mass insulation for high energy efficiency
- | Hard wearing refractory hearth plate resists damage & supports heavier loads
- | Ethernet communications
- | 131, 200, 225, 300, 350 or 400 litre chamber volumes
- | Over-temperature protection
- | All models have under hearth heating
- | Vertical lift door keeps heated surface away from the user
- | Heating elements are easily serviced

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OPTIONS

Specify these at time of order

- A range of sophisticated digital controllers, multisegment programmers and data loggers with digital communication options is available – more information about controllers: www.carbolite.com/products/control-options/
- Bespoke specifications are available for AMS2750F (Nadcap) compliant applications
- A range of metallic retorts to work with modified atmospheres up to 1100°C
- Various loading and unloading management options can be supplied

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TECHNICAL DATA

Specification	GPC 12/131B	GPC 12/400B	GPC 13/131B	GPC 13/400B
Max temp (°C)	1200	1200	1300	1300
Max continuous operating temp (°C)	1100	1100	1200	1200
Heat-up time (mins)	150	150	--	150
Dimensions: Internal H x W x D (mm)	350 x 500 x 750	675 x 650 x 900	350 x 500 x 750	675 x 650 x 900
Dimensions: External H x W x D (mm) H (door open)	1860 x 1260 x 1230 (1860)	2200 x 1410 x 1380	1860 x 1260 x 1280 (1860)	2200 x 1410 x 1380
Volume (litres)	131	400	131	400
Max power (W)	24000	39000	24000	39000
Thermocouple type	R	R	R	R
Weight (kg)	400	670	400	670

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