GPC Larger Capacity Laboratory Chamber Furnaces

Standard features

- ✓ 1200°C or 1300°C maximum operating temperature
- ✓ 36, 65, 131 or 200 litre chamber volumes
- ✓ Free radiating coiled wire elements
- ✓ Low thermal mass insulation for fast response & energy efficiency
- ✓ Up & away door, keeps heated surface away from the user
- ✓ Carbolite 301 controller, with single ramp to set-point & process timer
- ✓ Hard wearing refractory hearth plate, resists damage & supports heavier loads
- ✓ Heating elements are easily serviced from the front of the chamber

Options

specify these at time of order

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- 8 or 20 segment programmer
- RS232 communications
- A range of inconel (NiCr) retorts to work with modified atmospheres up to 1100°C

GPC 12/36/3216P1

Designed for general workshop and laboratory use, the GPC range has the styling and features of the laboratory furnace range with the advantages of a larger chamber size and higher loading capacity.

Model	Max temp (°C)	Heat-up time (mins)	Dimensions		Volume (litres)	Max power (W)	Thermo-couple type	Weight (kg)	Power supply
			Internal H x W x D (mm)	External H x W x D (mm) H (door open)					
GPC 12/36	1200	37	250 x 320 x 450	810 x 690 x 780 (1105)	36	9000	R	100	Universal
GPC 12/65	1200	40	278 x 388 x 595	885 x 780 x 945 (1245)	65	14000	R	165	3 phase
GPC 12/131	1200	150	350 x 500 x 750	1652 x 1110 x 1280 (2310) Floorstanding	131	18000	R	400	3 phase
GPC 12/200	1200	–	400 x 600 x 900	1702 x 1350 x 1350 (2410) Floorstanding	200	24000	R	518	3 phase
GPC 13/36	1300	47	250 x 320 x 450	810 x 690 x 780 (1105)	36	9000	R	120	Universal
GPC 13/65	1300	45	278 x 388 x 595	885 x 780 x 945 (1245)	65	14000	R	165	3 phase
GPC 13/131	1300	–	350 x 500 x 750	1652 x 1110 x 1280 (2310) Floorstanding	131	18000	R	400	3 phase

'Universal' models are easily altered between single phase (220V), 3 phase+neutral (e.g. 380/220V) and delta (e.g. 220V) electrical supplies

Continuous operating temperature is 100°C below maximum temperature.
Holding power is measured at continuous operating temperature.

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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