

Carbolite LGP6/1040 GT Inert Gas Heat Treatments Oven

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Stock No	OS1301
Manufacturer	Carbolite
Model	LGP6/1040 GT
Year of Manufacture	1998
Serial	10-97-2445
Internal Size (WxDxH mm)	1300 x 1000 x 1000 mm
Max Temp	50-625°C
Other Info	Nitrogen process chamber with rapid cool
Weight (kgs)	1565kgs
External Dimensions (WxDxH mm)	2300 x 2250 x 2900mm

Description

Carbolite's extensive experience in industrial oven and furnace design are combined with the very latest in technology, materials and manufacturing practice to build the LGP GT range of ovens.

The Carbolite range of industrial ovens have been designed to provide a reliable industrial unit specifically suited to the demands of everyday use in an industrial environment whilst providing optimum thermal performance and ease of maintenance.

Some of the key features provided as standard on this oven are:

Standard Features

- 625°C maximum operating temperatures
- 1040 litre chamber volume
- PID digital set and display over-temperature using a Eurotherm controller
- PID digital set and display 20 programme programmable temperature controller using a Eurotherm 2404 CM 20 controller
- Large capacity, rugged well proven design
- Robust construction, for heavy duty cycles
- Efficient air circulation and excellent temperature uniformity from heavy duty impellers
- Corrosion resistant ferritic grade 430 stainless steel interior
- Gas purge and trickle feed nitrogen system with built on heat exchanger.
- Steel section & zinc coated, painted mild steel exterior
- Single vertical uprising door
- Nominal load capacity of 500kg
- Maximum load capacity 2500kg
- Low thermal mass insulation for fast response & energy efficiency
- Fully adjustable chamber ventilation

The oven was original specified to heat copper parts within a nitrogen atmosphere and processed in bins loaded to a steel pallet placed on the base of the oven.

Specifications:

Model LGP 6/1040 GT

Max temp (°C)	625
Min temp (°C)	Ambient +35
Volume (litres)	1040

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Temp stability (°C)	±0.5
Temp uniformity (°C)	±5.0 @250°C
Heat-up time (mins)	75
Dimensions: Internal W x D x H (mm)	1300 x 1000 x 1000
Dimensions: External W x D x H (mm)	1375 x 1900 x 2100
Doors	Single door
Shelves fitted / accepted	0 / 0
Max power (W)	24000

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Machine Datasheet



Power supply

3 phase

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.