

### Carbolite 1200°C LCF Large Industrial Chamber Furnace



Stock No	<a href="#">OE2613</a>
Manufacturer	<a href="#">Carbolite</a>
Model	LCF 1200°C
Condition	From a working environment
Internal Size (WxDxH mm)	600 x 1300 x 260mm (202 Litres)
Max Temp	1200°C
Other Info	ABB SM500F Videographic Recorder (VGR)
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1025 x 1700 x 1950mm

#### Description

Carbolite is a well proven highly efficient manufacturer of furnaces incorporating features which combine the expertise of generations of furnace construction and design, together with the latest high technology, components, and techniques.

#### General Description

- Constructed by modular techniques furnaces have an inner case 'heat box' surrounded by an air gap. This double skin construction ensures that the furnace casing remains relatively cool even when working at high temperatures.
- Safe, simple and economical to use.
- The furnace lining consists of high efficiency graded low thermal mass insulation materials for reduced energy

costs.

- The vertically lifting full width door affords obstruction free access to the work chamber.
- Heating: The heating elements are high quality graded spiralled wire, carefully positioned and fixed in place.
- Controls: The controls are below the furnace body and set an angle for ease of vision.

### Specifics

- Three zone temperature control for uniform temperature
- Efficient Low thermal mass insulation
- ABB SM500F Field Mountable Videographic Recorder (VGR)
- Pneumatic vertically lifting door
- Timer with override switch
- Spare set of heating elements

### ABB SM500F Field Mountable Videographic Recorder (VGR)

Process data is displayed clearly to the local operator through a variety of display formats, including chart, bar graph and digital indicator displays. Four separate alarms can be set for each of the four input channels.

Data logged from the inputs is recorded onto the memory of the VGR and simultaneously onto a removable SD card. Thus, giving data backup should either fail. The recorded data can either be accessed by removing the SD card and downloading using the ABB software (available on line)

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