

# Furnaces

## Construction and Controllers

### CARBOLITE™

Leading Heat Technology

- ◆ Double skin construction in chamber furnaces reduces outer case temperature
- ◆ Only high grade fibre, brick and slab insulation materials used
- ◆ No asbestos used in construction
- ◆ Automatic cut-out isolates the mains supply to the heating elements when chamber door is opened
- ◆ Safety mesh guards or double skin casing fitted to tube furnaces
- ◆ Fitted with ceramic chimney
- ◆ Counterweighted chamber doors open upwards with the hot face away from the operator (Models ELF have drop down door)
- ◆ Outer cases finished in a durable stoved epoxy/polyester powder coating

#### Eurotherm 301 PID Controller

Economical, general purpose temperature controller with a 4-digit display for setting and indicating actual measured temperatures. Ideal for applications where optimal control performance, product integrity and reliability are required.

#### Eurotherm 3216P1 Programmer

Compact, microprocessor based programmer incorporating 8 control segments and dual 4-digit display showing set point and actual measured temperature in the furnace.

## Economy Furnaces 1100°C

### CARBOLITE™

Leading Heat Technology

Catalogue No.	<b>FX150-28</b>	<b>FX150-38</b>
Model	ELF11/6	ELF11/14
Temperature		
Maximum	°C 1100	1100
Continuous	°C 1000	1000
Heating time	minutes 35 (1000°C)	40 (1000°C)
Volume	litres 6	14
Controller	301 PID digital — both models	
Chimney	Yes	Yes
Dimensions	mm	
Internal	H 165 (580)	210 (630)
(External)	W 180 (410)	220 (450)
	D 210 (420)	310 (520)
Weight	kg 24	31
Rating, maximum	kW 2	3

#### Chamber Furnaces, ELF

Maximum temperature 1100°C. With one-piece moulded ceramic fibre chamber with integral heating elements, built-in hearth, ceramic chimney, drop down door and vent. Fitted with Model 301 digital controller. For 230V 50Hz single phase supplies.

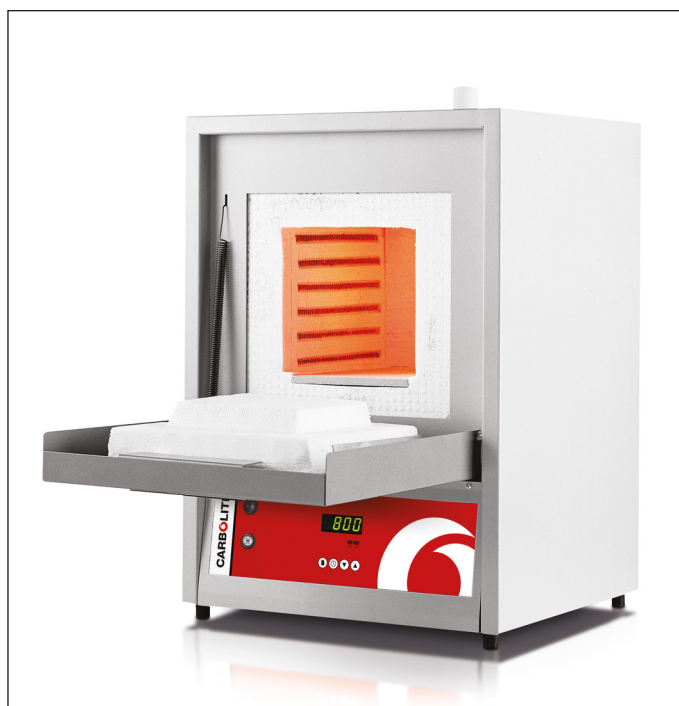
**FX150-28** Model ELF 11/6 301 PID

**FX150-38** Model ELF 11/14 301 PID



**Safety Note**

Please check before ordering that the supply current is suitable for the power rating of the furnace.



FX150