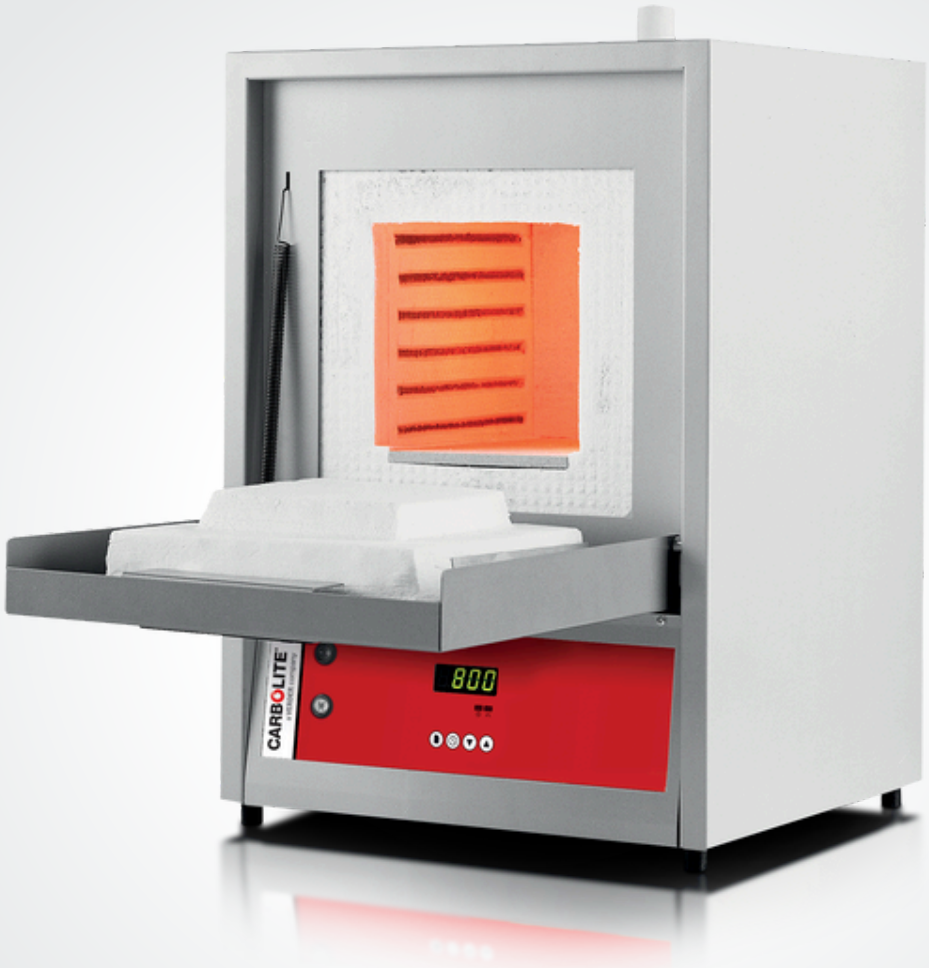
CARBOLITE®
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## LABORATORY CHAMBER FURNACE

# ELF

carbolite.com/products/chamber-furnaces/laboratory-furnaces/elf/

ELF

# LABORATORY CHAMBER FURNACE

The ELF laboratory furnaces comprise 3 bench mounted models designed for light duty and general use up to 1100 °C.

These laboratory furnaces have a simple drop down door and a top mounted ceramic chimney. The combination of low thermal mass insulation and free radiating wire elements embedded in the chamber sides provide efficient heating.



ELF

# STANDARD FEATURES

- 1100°C maximum operating temperature
- Drop down door with air gap to minimise external temperature
- Delayed start / process timer function as standard
- Hard ceramic hearth fitted as standard
- 6, 14 or 23 litre chamber volumes
- Carbolite 301 controller, with single ramp to set-point & process timer
- Vacuum formed, low thermal mass insulation
- Ventilated via top mounted ceramic chimney

ELF

# OPTIONS

Specify these at time of order.

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)

ELF

# TECHNICAL DATA

| Specification | ELF 11/6 | ELF 11/14 | ELF 11/23 |
|---|---|---|---|
| Max continuous operating temp (°C) | 1000 | 1000 | 1000 |
| Heat-up time (mins) | 28 | 43 | 26 |
| Dimensions: Internal H x W x D (mm) | 165 x 180 x 210 | 210 x 220 x 310 | 235 x 255 x 400 |
| Dimensions: External H x W x D (mm) | 580 x 410 x 420 | 630 x 450 x 520 | 715 x 505 x 690 |
| Temperature uniformity of ± 5°C within H x W x D (mm) | 125 x 140 x 140 | 170 x 180 x 205 | 195 x 215 x 305 |
| Volume (litres) | 6 | 14 | 23 |
| Max power (W) | 2000 | 2600 | 5000 |
| Holding power (W) | 900 | 1300 | 1550 |
| Thermocouple type | K | K | K |
| Weight (kg) | 24 | 31 | 52 |

**PRODUCT DATA SHEET ELF →**

carbolite.com/files/450755/product-data-sheet-elf.pdf

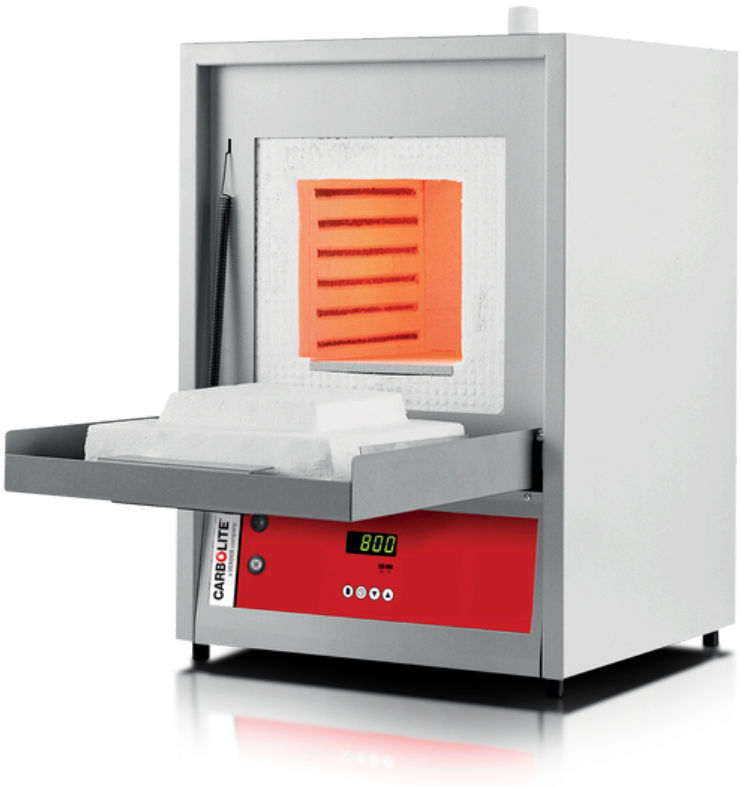
# ELF

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