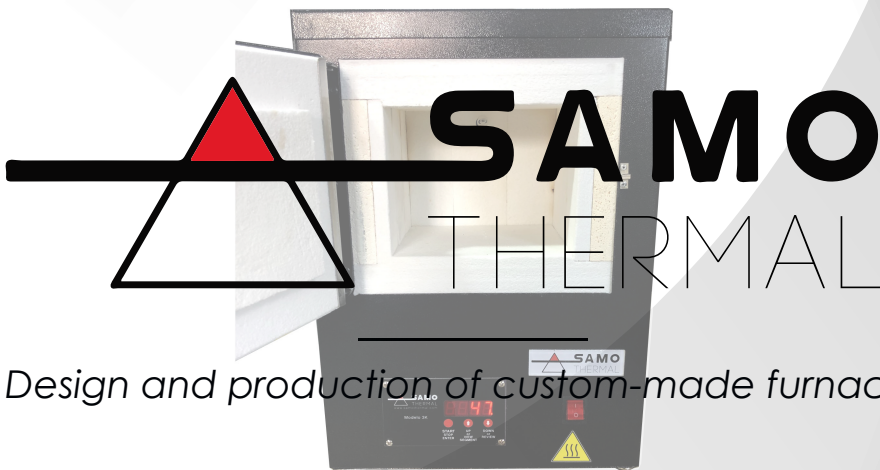


# CF FURNACE 5 LITERS WITH EMBEDDED RESISTORS

**5 liters**

**Technical Datasheet**



*Design and production of custom-made furnaces*

*We specialize in the design and  
manufacturing of industrial furnaces  
used in processes that require precise  
temperature control.*

**[www.samothermal.com](http://www.samothermal.com)**



**hornos  
samo thermal**



**samothermal**

# Technical datasheet

## CF FURNACE 5 LITERS WITH EMBEDDED RESISTORS



**5 liters**

### APPLICATIONS

- Non-ferrous metal casting
- Soil analysis
- Chemical laboratories
- Mining
- Glass fusing
- Ceramics

### FEATURES

Temperature Control: Digital temperature control (includes programming for ramp - hold) and ceramic firing profiles.

#### Internal Chamber dimensions:

Height: 15 cm  
Width: 20 cm  
Depth: 17 cm

#### External dimensions:

Height: 46 cm  
Width: 33 cm  
Depth: 40 cm

**Volume:** 5 liters

#### Internal Chamber Material:

High alumina refractory bricks  
(supports temperatures up to 1300 °C)

**Maximum working temperature:** 1300 °C

**Current:** 15 A

**Tension:** 110 V (optional 220V)

**Power:** 1700 Watts

**Number of Phases:** 1

#### Thermocouple:

Type K with ceramic coating.

#### Heating Elements:

Spiral wire of Kanthal alloy

**Temperature Measurement Variation:**  $\pm 1^{\circ}\text{C}$

**Switch:** It has a switch for turning the oven on and off.



Warranty: 1 year against manufacturing defects.

Delivery time: 2 to 3 weeks.

