

FURNACE CF 90 LITERS 4.5E

90 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



**hornos
samo thermal**



samothermal

Technical datasheet

FURNACE CF 90 LITERS 4.5E

90 liters

APPLICATIONS

- Non-ferrous metal casting
- Soil analysis
- Chemical laboratories
- Mining
- 3D jewelry
- Dental mechanics
- Glass fusion
- Ceramics

FEATURES:

Electronic programmer with the capacity to store 4 programs of 6 segments each, ramp hold firing programs. It includes pre-loaded programs for direct cone firing for ceramics, delay (ignition delay), and automatic end-of-program alarm.

Internal Chamber dimensions:

Height: 45 cm
Width: 45 cm
Depth: 45 cm

External dimensions:

Height: 120 cm
Width: 69 cm
Depth: 60 cm

Volume: 90 liters

Internal Chamber Material:

High alumina refractory bricks,

Maximum Temperature: 1285 °C

Current: 45 A

Tension: 220V

Power: 10000 Watts

Number of Phases: 2

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.

