

8-LITER CF FURNACE FOR GRADIENT AND STRESS RELIEF - 3 CHAMBERS

8 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

8-LITER CF FURNACE FOR GRADIENT AND STRESS RELIEF - 3 CHAMBERS

8 liters

APPLICATIONS

- Non-ferrous metal casting
- Soil analysis
- Chemical laboratories
- Mining
- Thermal treatment

FEATURES:

PID Temperature controller (one per chamber, individual control). Option of individual chamber controller with ramp and hold fire.

Internal Chamber dimensions:

Height: 18 cm
Width: 18 cm
Depth: 25 cm

External dimensions:

Height: 46 cm
Width: 100 cm
Depth: 40 cm

Volume: 8 liters

Internal Chamber Material:

High alumina refractory bricks, 3 inches thick.

Continuous Temperature: 1100°C

Maximum Temperature: 1300°C

Extra Insulation: No

Current: 45 A

Tension: 220V (two-phase)

Power: 13200 Watts

Number of Phases: 2

Thermocouple:

Type K with ceramic coating.

Heating Elements:

Spiral wire of Kanthal A1 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.

