

GB - SERIES

SIDE DOOR AND DROP DOWN DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1200- 300/400)
Economic Chamber Furnaces · Max temperature · 1200°C

STANDARD FEATURES

- CE manufactured
- Maximum temperature: 1200°C
- Rapid heating
- Compact and lightweight
- 2 heating plates with KANTHAL AF
- Low thermal mass insulation
- Built with low density ceramic fiber
- Double insulation includes air chamber
- Outer case in painted metal sheet (inox optional)
- Rear ventilation via ceramic chimney
- Ceramic tray included
- Thermocouple type K
- Spare parts easily replaceable by end user

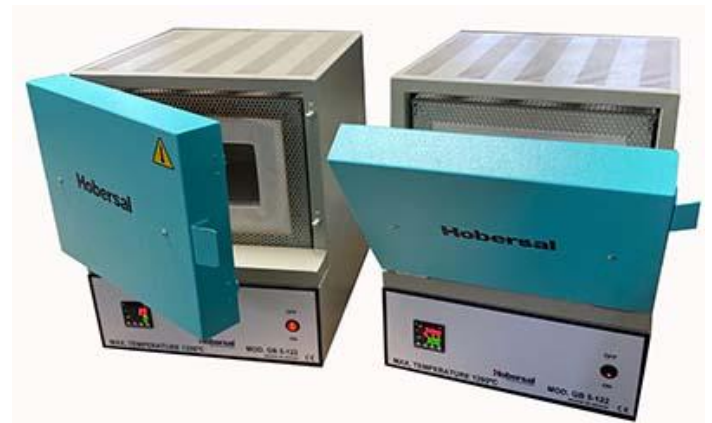


FURNACE CONTROLS

- Lower front control panel
- Solid state relay
- General safety switch
- General safety contactor
- **PAD Digital control**
 - PID parameters
 - Non-volatile memory
 - Microprocessor-based temperature controls
 - Alarm

CONTROL OPTIONS

- 1 program / 8 segments programmer
- 4 program / 15 segments programmer
- Programmers up to 64 segments
- Data logger and programmer communication by Ethernet/ RS232



SAFETY SHUT-OFF

- Thermocouple break shut-off
- Turns off upon door opening

ACCESSORIES

- Interchangeable temperature-uniform trays with rim
- Refractory ceramic tray
- Incoloy stainless steel tray
- Smoke chimney
- Forced smoke chimney
- Safety alarm Class II. Over-temperature protection
- Inlet gas entry
- Flow meter box
- and more, ask for our full assortment

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CHARACTERISTICS

- Modern design metal case with chrome-phosphatizing base protection and external finish with heat-resistant metal paint.
- Refractory parts engineered to resist extreme temperature changes, and specific ceramic paste types applied according to temperature and work fatigue of each part.
- Heat resistance in refractory insulation of very low thermal conductivity coefficient.
- Door system adjusted on the furnace frame by pressure, allowing for complete sealing. Electrically and thermally insulated door handle.

ACCESSORIES

- Extraction Chimney: Self-extraction design to eliminate smoke in processes that produce smoke in a considerable amount or when smoke extraction is advisable due to the nature of the process. Chimney outlet connection to a smoke bell or to the exterior by end user.
- Forced air extraction chimney: Specially designed for a forced self-extraction to evacuate smoke fastat resistance in refractory insulation of very low thermal conductivity coefficient.
- Bottom trays: Interchangeable, temperature uniform, with rim to protect against spilling, fusion or adherence of materials.

Fully customized solutions by request
We reserve the right to change technical specifications

ECONOMIC MUFFLE FURNACE GB7-122 (Side door- Drop down door)

HEATING SPECIFICATIONS			
Maximum temperature	1200 °C	Thermocouple	Type K
Maximum work temperature limited time	1100 °C	Heating zones	2
Continuous work temperature	---- °C	Heating elements type	Kanthal AF
Insulation specifications		Stability	2 +-°C
Low density ceramic bricks and ceramic fiber		Homogeneity	5 +-%
FURNACE INNER DIMENSIONS (mm)		FURNACE OUTER DIMENSIONS (mm)	
7 liters		28 Kg	
Height	150	Height	495
Width	170	Width	420
Depth	240	Depth	480
ELECTRIC SPECIFICATIONS			
Control System	Digital Single Set Point	Power	2,6Kw
		Hertz	50-60 Hz
Power adjustment	SSR	Voltage	220 V II

ECONOMIC MUFFLE FURNACE GB10-122 (Side door)

HEATING SPECIFICATIONS			
Maximum temperature	1200 °C	Thermocouple	Type K
Maximum work temperature limited time	1100 °C	Heating zones	2
Continuous work temperature	---- °C	Heating elements type	Kanthal AF
Insulation specifications		Stability	2 +-°C
Low density ceramic bricks and ceramic fiber		Homogeneity	5 +-%
FURNACE INNER DIMENSIONS (mm)		FURNACE OUTER DIMENSIONS (mm)	
10 liters			
Height	200	Height	550
Width	220	Width	500
Depth	240	Depth	480
ELECTRIC SPECIFICATIONS			
Control System	Digital Single Set Point	Power	2,6Kw
		Hertz	50-60 Hz
Power adjustment	SSR	Voltage	220 V II