

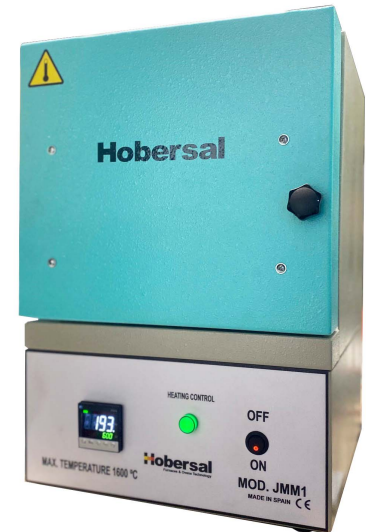
JMM SERIES

SIDE DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1600, 300/400)

Economic high temp. muffle furnaces · 1600°C

STANDARD FEATURES

- CE manufactured
- Maximum operating temperature: 1600°C
- Rapid heating
- Compact and lightweight
- 24/7 continuous work capability
- Heated by KANTHAL SiC
- Low thermal mass insulation
- Built with low density ceramic bricks and ceramic fiber
- Double insulation includes air chamber
- Outer case in painted metal sheet (inox optional)
- Top ventilation via ceramic chimney
- Thermocouple type S
- Spare parts easily replaceable by end user

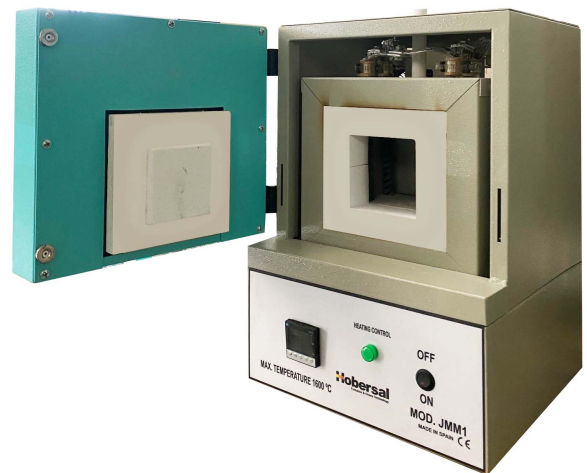


FURNACE CONTROLS

- 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

- Programmers up to 64 segments
- Eurotherm EPC Series 10 progs / 25 segments - Data logger and programmer communication tools by Ethernet (Optional)
- Eurotherm Nanodac - Data logger and programmer communication tools by Ethernet according AMS2750E and 21CFR Part 11 (Optional)



SAFETY SHUT-OFF

- Thermocouple break shut-off

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 fast
- 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

SPECIFICATIONS

Model	Inner dimensions mm			Outer dimensions mm			Volume Liters	Power Kw	Voltage V	Maximum Temperature ° C	Maximum Temperature ° C limited time	Maximum Temperature Continuous °C	Termo- couple	Control Type	Heating Elements
	High	Wide	Deep	High	Wide	Deep									
JMM1/16	100	100	100	515	350	350	1	2	220	1600	1500	1450	S	R. Prog	Kanthal SiC
JMM3/16	130	130	210	545	440	460	3	4	220	1600	1500	1450	S	R. Prog	Kanthal SiC
JMM6/16	150	150	230	560	450	480	6	6	220	1600	1500	1450	S	R. Prog	Kanthal SiC

