

MF SERIES

VERTICAL PARALLEL LIFT DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1200/1400, 300/400)

High Quality 24/7 Continuous-T° Muffle Furnaces · 1000°C - 1200°C - 1300°C

STANDARD FEATURES

- CE manufactured
- Maximum operating temperature: 1000°C 1200°C 1300°C
- Rapid heating
- Compact and lightweight
- 24/7 continuous work capability
- 4 heating plates with KANTHAL AF
- 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)
- Rear ventilation via ceramic chimney
- Ceramic tray included
- Thermocouple type K or 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

- 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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VERTICAL PARALLEL LIFT DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1200/1400, 300/400)

High Quality 24/7 Continuous-T° Muffle Furnaces · 1000°C - 1200°C - 1300°C

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.

SPECIFICATIONS

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

Code	Reference		dimensio mm W	ons D		dimens mm W	ions D	Volume Liters	Power Kw	Voltage V	Maximum Temperature [©] C	Maximum Temperature ^o C on work limited	Temperature º C		51	Control Type	Heating Elements	Heating Zones
300200310	MF3-104	100	150	200	600	430	425	3	2,2	220	1000	950	900	60	К	Digital	Wire Kanthal	4
300200910	MF9-102	150	200	300	660	480	525	9	2,5	220	1000	900		65	к	Digital	Wire Kanthal	2
300400910	MF9-104	150	200	300	660	480	525	9	3,3	220	1000	950	900	70	К	Digital	Wire Kanthal	4
300401210	MF12-104	150	200	400	660	480	625	12	3,3	220	1000	950	900	80	К	Digital	Wire Kanthal	4
300201210	MF12-102	150	200	400	660	480	625	12	3	220	1000	900		75	К	Digital	Wire Kanthal	2
300202210	MF22-102	200	280	390	750	580	625	22	3,5	220	1000	900		95	К	Digital	Wire Kanthal	2
300402210	MF22-104	200	280	390	750	580	625	22	5,5	220	1000	950	900	100	К	Digital	Wire Kanthal	4
300400312	MF3-124	100	150	200	600	430	425	3	3,3	220	1200	1150	1100	60	К	Digital	Wire Kanthal	4
300200912	MF9-122	150	200	300	660	480	525	9	3	220	1200	1100		65	К	Digital	Wire Kanthal	2
300400912	MF9-124	150	200	300	660	480	525	9	5,5	220 220 III 380 III	1200	1150	1100	70	К	Digital	Wire Kanthal	4

Package Pack			Inner dimensions			External dimensions							Maximum	Maximum Net					
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