

XB SERIES

SIDE SWING DOOR · BRICK INSULATION (23/26)

Flex Muffle Furnaces · 1150°C - 1260°C

STANDARD FEATURES

- CE manufactured
- Affordable basic line
- Maximum temperatures 1150°C and 1260°C
- Compact and lightweight
- Designed for occasional intermittent work
- 2 heating sides with KANTHAL AF
- Double low thermal mass insulation
- Built with low density ceramic 23/26 bricks and ceramic fiber 2"
- Outer case in painted metal sheet (inox optional)
- Ceramic chimney
- Thermocouple type K, S
- Spare parts easily replaceable by end user

CHAMBER OPTIONS

- Fiber insulation by request

FURNACE CONTROLS

- Lower front or lateral control panel
- Solid state relay
- **Ramp Progammer 1 prog. 8 segments**
 - PID parameters
 - Non-volatile memory
 - Microprocessor
 - Alarm

DIGITAL CONTROL OPTIONS

- 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

- Metal case with chrome-phosphatizing base protection and external finish with heat-resistant metal paint.
- Easy loading drop down or side swing door closes hermetically, brick on brick.

CONTROLS OPTIONS

- **RAMP PROGRAMMER CONTROL:** Allows for automatic temperature control and adjustment through an automatic digital adjusting pyrometer, such that temperature and temperature rise speed and inertia can be monitored at any time.

BASIC 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 at 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	Internal dimensions mm			External dimensions mm			Volume Liters	Power Kw	Voltage V	Maximum Temperature ° C	Maximum Temperature ° C on work limited	Maximum Temperature Continuous	Net Weight Kgr	Termo- couple	Control Type	Heating Elements
		H	W	D	H	W	D										
850001312	XB1-115	250	230	230	720	520	690	13	2,5	220	1150	1100	—	84	K	P0104 Digital	Wire Kanthal
850004312	XB2-115	365	345	345	880	615	770	43	3,5	220	1150	1100	—	146	K	P0104 Digital	Wire Kanthal
850005512	XB3-115	480	345	345	920	615	770	55	4	220	1150	1100	—	165	K	P0104 Digital	Wire Kanthal
850007612	XB4-115	480	400	400	920	680	850	76	7	220	1150	1100	—	180	K	P0104 Digital	Wire Kanthal
850012012	XB5-115	595	450	450	1030	750	870	120	10	220	1150	1100	—	237	K	P0104 Digital	Wire Kanthal
850015012	XB6-115	600	500	500	1120	760	940	150	11	220	1150	1100	—	260	K	P0104 Digital	Wire Kanthal
850020012	XB7-115	700	500	550	1200	760	970	200	14	220	1150	1100	—	327	K	P0104 Digital	Wire Kanthal
850099912	XB25-115	1000	1000	1000	1600	1600	1700	1000	25	220 III 380 III	1150	1100	—	1200	K	P0104 Digital	Wire Kanthal

Code	Reference	Inner dimensions mm			Outer dimensions mm			Volume Liters	Power Kw	Voltage V	Maximum Temperature ° C	Maximum Temperature ° C on work limited	Maximum Temperature Continuous	Net Weight Kgr	Termo- couple	Control Type	Heating Elements
		High	Wide	Deep	High	Wide	Deep										
850001313	XB1-126	250	230	230	720	520	690	13	2,5	220	1260	1200	—	84	S	P0104 Digital	Wire Kanthal
850004313	XB2-126	365	345	345	880	615	770	43	3,5	220	1260	1200	—	146	S	P0104 Digital	Wire Kanthal
850005513	XB3-126	480	345	345	920	615	770	55	4	220	1260	1200	—	165	S	P0104 Digital	Wire Kanthal
850007613	XB4-126	480	400	400	920	680	850	76	7	220	1260	1200	—	180	S	P0104 Digital	Wire Kanthal
850012013	XB5-126	595	450	450	1030	750	870	120	10	220	1260	1200	—	237	S	P0104 Digital	Wire Kanthal
850015013	XB6-126	600	500	500	1120	760	940	150	11	220	1260	1200	—	260	S	P0104 Digital	Wire Kanthal
850020013	XB7-126	700	500	550	1200	760	970	200	14	220	1260	1200	—	327	S	P0104 Digital	Wire Kanthal
850099913	XB25-126	1000	1000	1000	1600	1600	1700	1000	25	220 III 380 III	1260	1200	—	1200	S	P0104 Digital	Wire Kanthal