

# JB & HK SERIES + HD200

DROP DOWN & SIDE SWING DOOR · CERAMIC FIBER INSULATION (1200/300)

**Flex Muffle Furnaces · 1000°C - 1100°C**

## STANDARD FEATURES

- CE manufactured
- Affordable basic line
- Maximum temperature 1100°C
- Compact and lightweight
- Designed for occasional intermittent work
- 1 or 2 heating plates with KANTHAL AF
- Double Low thermal mass insulation
- Built with ceramic fiber
- Outer case in painted metal sheet (inox optional)
- Ceramic chimney
- Thermocouple type K
- Spare parts easily replaceable by end user



## FURNACE CONTROLS

- Lower front or lateral control panel
- Solid state relay

### • PA Analogical control

OR

### • PAD Digital control

- PID parameters
- Non-volatile memory
- Microprocessor
- Alarm



## DIGITAL CONTROL OPTIONS

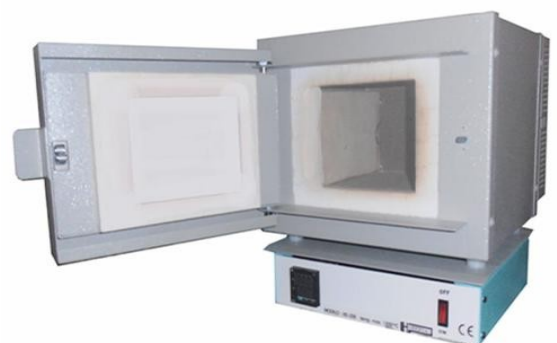
- 1 program / 8 segments programmer
- 4 program / 15 segments programmer
- Programmers up to 64 segments
- Data logger and programmer communication by Ethernet/ RS232

## SAFETY SHUT-OFF

- Thermocouple break shut-off

## 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!



# JB & HK SERIES + HD200

DROP DOWN & SIDE SWING DOOR · CERAMIC FIBER INSULATION (1200/300)

## Flex Muffle Furnaces · 1000°C - 1100°C

### CHARACTERISTICS

- Metal case with chrome-phosphating base protection and external finish with heat-resistant metal paint.
- Built with insulating ceramic fiber.

### CONTROLS OPTIONS

- **"PA" CONTROL:** analog temperature adjustment.

OR

- **"PAD" 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.

### SPECIFICATIONS

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

Code	Reference	Internal dimensions mm			External dimensions			Volume Liters	Power Kw	Voltage V	Maximum Temperature	Maximum Temperature	Maximum Temperature °C	Net Weight	Termo couple	Control Type	Heating Elements	Heating Zones
		High	Wide	Deep	High	Wide	Deep											
930020810	HK-11 PAD	100	260	300	385	500	440	8	1,5	220	1000	950	—	35	K	Digital	Wire Kanthal	1
930010810	HK11 PA	100	260	300	385	500	440	8	1,5	220	1000	950	—	35	K	Analog	Wire Kanthal	1

Code	Reference	Internal dimensions mm			External dimensions			Volume Liters	Power Kw	Voltage V	Maximum Temperature	Maximum Temperature	Maximum Temperature °C	Net Weight	Termo couple	Control Type	Heating Elements	Heating Zones
		High	Wide	Deep	High	Wide	Deep											
950020812	JB-20 PAD	120	150	200	340	450	430	3,6	1,2	220	1100	1000	—	29	K	Digital	Wire Kanthal	2
950010812	JB-20 PA	120	150	200	340	450	430	3,6	1,2	220	1100	1000	—	29	K	Analog	Wire Kanthal	2
	JB-15 PAD	120	120	120	330	250	280	2	1,2	220	1100	1000	—	27	K	Digital	Wire Kanthal	2
	JB-15 PA	120	120	120	330	250	280	2	1,2	220	1100	1000	—	27	K	Analog	Wire Kanthal	2

Code	Reference	Internal dimensions mm			External dimensions			Volume Liters	Power Kw	Voltage V	Maximum Temperature	Maximum Temperature	Maximum Temperature °C	Net Weight	Termo couple	Control Type	Heating Elements	Heating Zones
		H	W	D	H	W	D											
970010411	HD-200 PAD	120	150	200	450	350	430	3,6	1,2	220	1100	1000	—	30	K	Digital	Wire Kanthal	2
970010411	HD200 PA	120	150	200	450	350	430	3,6	1,2	220	1100	1000	—	30	K	Analog	Wire Kanthal	2