XG SERIES

VERTICAL PARALLEL LIFT DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1900, 300/400)

High Quality 24/7 Continuos-T° Muffle Furnaces · From 1650°C up to1900°C

STANDARD FEATURES

- CE manufactured
- Maximum operating temperature:
  1650°C – 1800°C - 1900°C
- Rapid heating
- Compact and lightweight
- 24/7 continuous work capability
- Heated by Kanthal Super 1800 and 1900 (MoSi2)
- 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 S and B
- 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 Itools by Ethernet (Optional)
- Eurotherm Nanodac - Data logger and programmer communication Itools by Ethernet according AMS2750E and 21CFR Part 11 (Optional)

XG3+ automatic Gas supply system controlled by Eurotherm EPC3016 + Itools software

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!

XG SERIES

VERTICAL PARALLEL LIFT DOOR · REFINED DESIGN · CERAMIC FIBER INSULATION (1900, 300/400)

High Quality 24/7 Continuos-T° Muffle Furnaces · From 1600°C up to1900°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 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	Power	Voltage	Maximum Temperature	Maximum Temperature ° C	Maximum Temperature	Termo-couple	Control Type	Heating Elements
	High	Wide	Deepth	High	Wide	Deepth	Liters	Kw	V	° C	limited time	Continuous °C			
XG3/16	150	150	150	750	480	590	3	4	220	1650	1600	1550	S	R. Prog	Kantal Super1800
XG6/16	150	200	200	750	530	660	6	6	220	1650	1600	1550	S	R. Prog	Kantal Super1800
XG8/16	200	200	200	845	525	660	8	8	220	1650	1600	1550	S	R. Prog	Kantal Super1800
XG12/16	200	200	300	800	525	700	12	10	220	1650	1600	1550	S	R. Prog	Kantal Super1800
XG15/16	250	250	250	975	575	700	15	10	220	1650	1600	1550	S	R. Prog	Kantal Super1800
XG22/16	250	300	300	975	625	750	22	12	380V III	1650	1600	1550	S	R. Prog	Kantal Super1800
XG30/16	300	300	300	1025	625	750	30	15	380V III	1650	1600	1550	S	R. Prog	Kantal Super1800

Model	Inner dimensions mm			Outer dimensions mm			Volume	Power	Voltage	Maximum Temperature	Maximum Temperature ° C	Maximum Temperature	Termo-couple	Control Type	Heating Elements
	High	Wide	Deepth	High	Wide	Deepth	Liters	Kw	V	° C	limited time	Continuous °C			
XG3/18	150	150	150	750	480	590	3	4	220	1800	1750	1700	B	R. Prog	Kantal Super1800
XG6/18	150	200	200	750	530	660	6	6	220	1800	1750	1700	B	R. Prog	Kantal Super1800
XG8/18	200	200	200	845	525	660	8	8	220	1800	1750	1700	B	R. Prog	Kantal Super1800
XG12/18	200	200	300	800	525	700	12	10	220	1800	1750	1700	B	R. Prog	Kantal Super1800
XG15/18	250	250	250	975	575	700	15	10	220	1800	1750	1700	B	R. Prog	Kantal Super1800
XG22/18	250	300	300	975	625	750	22	12	380V III	1800	1750	1700	B	R. Prog	Kantal Super1800
XG30/18	300	300	300	1025	625	750	30	15	380V III	1800	1750	1700	B	R. Prog	Kantal Super1800

Model	Inner dimensions mm			Outer dimensions mm			Volume	Power	Voltage	Maximum Temperature	Maximum Temperature ° C	Maximum Temperature	Termo-couple	Control Type	Heating Elements
	High	Wide	Deepth	High	Wide	Deepth	Liters	Kw	V	° C	limited time	Continuous °C			
XG3/19	150	150	150	750	480	590	3	4	220	1900	1850	1800	B	R. Prog	Kantal Super1900
XG6/19	150	200	200	750	530	660	6	6	220	1900	1850	1800	B	R. Prog	Kantal Super1900
XG8/19	200	200	200	845	525	660	8	8	220	1900	1850	1800	B	R. Prog	Kantal Super1900
XG12/19	200	200	300	800	525	700	12	10	220	1900	1850	1800	B	R. Prog	Kantal Super1900
XG15/19	250	250	250	975	575	700	15	10	220	1900	1850	1800	B	R. Prog	Kantal Super1900
XG22/19	250	300	300	975	625	750	22	12	380V III	1900	1850	1800	B	R. Prog	Kantal Super1900
XG30/19	300	300	300	1025	625	750	30	15	380V III	1900	1850	1800	B	R. Prog	Kantal Super1900