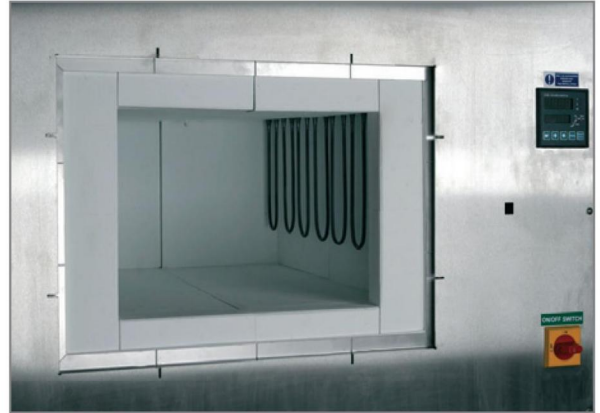


HIGH-TEMPERATURE FURNACES VP

These high temperature furnaces are used for research and laboratory tests. In addition to sintering dental ceramics such as tooth bridges made of zirconium oxides, for sintering of technical and quartz glass, material tests in metallurgy and other special-purpose applications. Desktop and freestanding models of compact high-temperature furnaces have many preferences. In particular this involves the first-class processing of stainless mantle, high-quality insulation and simple attendance. Depending on their sizes, all models are marked by their low weight. Therefore the desktop models can be easily placed on the most suitable place for charging. The charging edge of the freestanding models is designed for the easiest charging.



Standard design of furnace:

- INDUSTRY controller
- Frameless construction made of a stainless steel shell of bent sheet metal (furnaces VP02; VP04, table models)
- Frame construction with stainless front and door (furnaces VP10, VP20)
- Hand operated door to the side equipped with a safety end limit switch
- Insulation from the ceramic fibre insulation boards
- Additional fan for cooling of mantle
- Heating elements from the material MoSi2 hanged vertically on the side walls
- Solid state relay regulating primary circuit of the transformer
- Thermocouple Type "B", placed in the chamber ceiling

Accessories for an additional charge:

- Protection atmosphere inlet
- Calibration of the controller measuring entry
- Interface RS232 or RS485
- Set HtMonit (includes interface + software)

Type LAC	Controller	Tmax	Volume	External dimensions	Internal dimensions	Input	Weight	Voltage	Furnace protection	Max floor load capacity
		°C	l	(wxhxd) mm	(wxhxd) mm	kW	kg	V		kg
VP 02/16	INDUSTRY	1600	2	660x680x740	130x150x135	3	90	230	16/1	1
VP 04/16	INDUSTRY	1600	4	660x680x740	130x160x180	3	100	230	16/1	4
VP 10/16	INDUSTRY	1600	10	850x1595x775	200x200x250	6	290	400	25/3	6
VP 20/16	INDUSTRY	1600	20	850x1595x775	250x250x310	8	315	400	32/3	10
VP 70/16	INDUSTRY	1600	70	1100x1750x1150	400x300x600	14	350	400	63/3	12
VP02/17	INDUSTRY	1700	2	660x680x740	130x150x135	3	90	230	16/1	1
VP 04/17	INDUSTRY	1700	4	660x680x740	130x160x180	3	100	230	16/1	4
VP10/17	INDUSTRY	1700	10	850x1595x775	200x200x250	6	290	400	25/3	6
VP 20/17	INDUSTRY	1700	20	850x1595x775	250x250x310	8	315	400	32/3	10
VP 70/17	INDUSTRY	1700	70	1100x1750x1150	400x300x600	14	350	400	63/3	12

Technical changes reserved

