

## High-temperature furnaces VP 高温炉 VP

### APPLICATION: 运用

- High temperature furnaces are the ideal choice for sintering special glass, e.g. quartz glass or for melting trials in the laboratory.

### DESCRIPTION OF THE CONSTRUCTION OF THE FURNACE: 主要结构描述

- frame construction covered with metal plate,  
- 框架结构，固定独立的箱体
- door opening to the side,  
- 侧开门
- furnace cooling by running air by use ventilators,  
- 炉内冷却通过电子风扇
- heating elements in side walls,  
- 加热元件安装在炉壁两侧
- door equipped with security limit switch,  
- 炉门开关带有锁死装置
- thermocouple of the type „B”, placed on the top of furnace chamber,  
- B 型热电偶，从电炉顶部插入，便于更换
- controller INDUSTRY allows saving of 30 control programs in the internal controller memory, each program can consist of up to 15 steps, operator may start the select program on a preset date and time thanks to the installed real time clock.  
- 控制器可以储存 30 个程序，每个程序最多可以设置 15 个步骤，时钟功能，定时开关。该控制器可以满足任何复杂工艺
- contactless switching relay,  
- 非接触式开关继电器
- wiring system connected into two phases,  
- 两相布线的电力系统

### Standard equipment of the furnace covers: 标准设备包括

- controller Industry,  
- INDUSTRY 控制器
- manually door opening to the side.  
- 手动侧开门

### Like an accessories as an extra we are bidding: 可选附件

- due to unevenly load of the power mains (2 phases connection), we offer to connect the input power into 3 phases for extra charge,  
- 两阶段电力系统改为三阶段电力系统
- interface R 232/485,  
- R 232/485 连接端口
- software for the monitoring and the record of the temperature cycle,  
- 温度循环记录软件
- graphic recorder of temperature cycle,  
- 温度循环图解记录器
- Gas inlet  
- 气体输入端口

**Benefits: 优点**

- attractive design,  
- 设计独特
- top insulating materials (low power consumption, possibility of the fast start on the asked temperature),  
- 顶级的绝缘材料（耗电量底，可在要求的温度下迅速启动）
- independent limit unit protected furnace against destroyed,  
- 独立限制单位，避免电炉的不良使用
- furnace cooling by running air by use ventilators,  
- 炉内冷却通电子风扇降温，降温平稳
- programmable temperature adjustment with the high accuracy,  
- 高精度可编程温度调节系统
- solid state relay (more fluent and silent running, the minimum disturbance of the surrounding mechanism),  
- 固态继电器（较流畅和安静运行，因此对周围设施产生的震动极小）
- perfect workshop processing, the hardware and safety in service.  
- 完美的生产工艺，硬件和安全服务

类型	最高温度	内积	外部尺寸 (宽高深)	内部尺寸 (宽高深)	最大输入	正常输入	重量	电压
LAC	°C	L	mm	mm	kW	kW	kg	V
VP 02/16	1600	2	660x680x740	130x150x135	3	3	90	230
VP 04/16	1600	4	660x680x740	130x160x180	3.5	3	100	230
VP 10/16	1600	10	850x1595x775	200x200x250	9	6	290	380
VP 20/16	1600	20	850x1595x775	250x250x310	12	8	315	380
VP 70/16	1600	70	1100x1750x1150	400x300x600	18	14	350	380
VP 02/17	1700	2	660x680x740	130x150x135	3	3	90	230
VP 04/17	1700	4	660x680x740	130x160x180	3.5	3	100	230
VP 10/17	1700	10	850x1595x775	200x200x250	9	6	290	380
VP 20/17	1700	20	850x1595x775	250x250x310	12	8	315	380
VP 70/17	1700	70	1100x1750x1150	400x300x600	18	14	350	380

## 示意图

