

Laboratory furnaces L 马弗炉 L

APPLICATION: 用途

Furnaces are used in laboratories for heat-treatment testing of various samples, when the aggressive fouling, which would pelt with the spirals, can be formed

电炉被用于实验室不同样品的热处理测试，并能有效的阻止电热元件在加热过程中受到腐蚀物质的污染。

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

- frameless construction with the mantle created by a hooped metal plate
- 优质不锈钢外壳，框架结构
- door of the hooped metal plate is tank shaped
- 门由耐火材料填充、坚固耐用
- chamber constituted of the insulating expanded portfolios of the mineral grain
- 高温室由绝缘的耐火材料组成
- heating panels made of fireproof ceramics are inserted in the sideplates
- 电热丝被陶瓷管包围，并安装在电炉两侧
- door reinforced by the thick sheet of mineral grain
- 门上加厚矿物纤维耐火层
- airing chimney at the back of the furnace
- 烟囱被安装在炉子后侧
- heating elements interpolated to the panels with fireproof ceramics
- 加热陶瓷管包埋在耐火材料中，没有明火
- door equipped with a safety limit switch
- 门上装有安全开关
- power cord equipped with a single-phase plug
- 采用单相电源
- furnace equipped by the cooling fan,
- 冷风扇装备的熔炉
- 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
- thermocouple of the type S, placed on the back side
- S 型热电偶被安装在背面

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

- INDUSTRY controller
- INDUSTRY 控制器
- manually opening door swings down
- 手动向下开门

Like an accessories as an extra we are bidding: 可选附件（需要另行计费）

- rotary table
- 旋转台
- interface R 232/485
- 电脑连接端口 R 232/485
- exhaust fan
- 排气风扇或者烟囱
- software for the monitoring and the record of the temperature cycle
- 监控软件和温度循环的记录
- protective atmospher supply
- 气体保护装置

Benefits: 优点

- rustless fulfilment
- 实现不锈
- attractive design
- 吸引人的设计
- top insulating materials (low power consumption, possibility of the fast start on the asked temperature)
- 顶部绝缘材料(低功率消耗, 在被要求的温度上快速开始)
- programmable temperature adjustment with the high accuracy
- 可编程的高精确度的温度控制
- solid state relay (more fluent and silent running,the minimum disturbance of the surrounding mechanism)
- 固态继电器 SSR (流畅和无声的运转, 周围机械装置的最小干扰)
- perfect workshop processing,the hardware and safety in service
- 完美的车间操作, 保证 硬件和使用中的安全

型号	控制器	最高温度	内部体积	外部尺寸 (wxhxd)	内部尺寸 (wxhxd)	输入	重量	电压
LAC		°C	L	mm	mm	kW	kg	V
L 03/12	HT 40A	1200	3	380x440x400	180x100x140	1,2	21	230
L 05/12	HT 40A	1200	5	430x470x430	230x130x170	2,4	26	230
L 09/12	HT 40A	1200	9	430x505x500	230x170x240	3,0	32	230
L 15/12	HT 40A	1200	15	450x505x600	250x170x340	3,5	39	230
L 03/12	INDUSTRY	1200	3	380x440x400	180x100x140	1,2	21	230
L 05/12	INDUSTRY	1200	5	430x470x430	230x130x170	2,4	26	230
L 09/12	INDUSTRY	1200	9	430x505x500	230x170x240	3,0	32	230
L 15/12	INDUSTRY	1200	15	450x505x600	250x170x340	3,5	39	230



示意图