

Economy furnaces LE 经济型马弗炉 L

APPLICATION: 用途

- Furnaces are suitable for testing technology where the exact distribution of temperature, the controlled increase and decrease of temperature, and controlled cooling are important, and where it is also desirable that the heating elements are not in the interior space with the samples. This especially applies to heating material for the heat treatment of metal, various tests of sintering, calcination, determination of the softening point or of material sintering, combusting samples, enamel firing etc. The rust-resistant coating ensures the long life of the furnace. The heating spirals are placed in tubes of silica glass. This partially protects the spirals from corrosion by aggressive materials which can be released during use. A programmable controller and the master switch are located on the front side of the furnace.
- 用于所有种类的实验室测试，如医疗、口腔病学、卫生学、陶瓷学、玻璃制作等。熔炉适用于一些技术测试，这些测试注重温度的分布、温度的控制和发热元件和样品同时在内部空间时的冷却控制。熔炉特别易于进行在金属的加热过程对物质的加热、不同的烧结实验、煅烧、软化点的确定、物质的烧结、样品的燃烧和彩烤等等

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

- manually opening of the door downwards with an end switch
- 带安全装置的手动向下开门
- programmable temperature adjustment HT60P controller
- 可程序升温的 HT60P 控制器
- Heating elements are placed in silica tubes and inserted in the sideplate
- 电阻丝置于石英管内，安装于炉内一侧
- Airing chimney at the back of the furnace
- 烟囱被安装在炉子后侧
- 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
- thermocouple of the type K, placed on the back side
- K 型热电偶被安装在背面

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

- HT60B controller
- HT60B 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
- HT60P controller
- HT40P 控制器
- 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

类型	控制器	最高温度	容积	外部尺寸 (wxhxd)	内部尺寸(wxhxd)	输入	重量	电压
LAC		°C	L	mm	mm	kW	kg	V
LE 05/11	HT40B	1100	5	470x330x455	170x130x230	18	18	230
LE 09/11	HT40B	1100	9,4	490x370x515	190x170x290	2.3	23	230
LE 15/11	HT40B	1100	14,4	550x370x565	250x170x340	3	30	230
LE 05/11	HT60B	1100	5	470x330x455	170x130x230	18	18	230
LE 09/11	HT60B	1100	9,4	490x370x515	190x170x290	2.3	23	230
LE 15/11	HT60B	1100	14,4	550x370x565	250x170x340	3	30	230



示意图