

## Laboratory tube furnaces LT 管式炉 LT

### **APPLICATION: 用途**

- Special laboratory and research works.
- 用于特殊试验及研究项目

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

- frameless construction of bent sheet;
- 炉子弯曲板为无框架结构
- desktop design;
- 台式设计，可以放置在桌面上
- upper part of the furnace folds up using a handle;
- 熔炉上部可用把手折叠
- heating spirals located in insulation grooves;
- 加热旋管设于绝缘槽内
- insulation consisting of mineral plates forming circular modules;
- 绝缘体由矿物盘组成原型模块
- wiring located in a separate switchboard;
- 电器控制安装在一个独立的配电箱中；
- the INDUSTRY controller enables to save 30 control programs, each program may include up to 15 steps; the operator may start the selected program on specified date and hour by means of 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，该控制器带有时钟功能和定时开关，可以满足任何复杂的工艺程式
- S-type thermocouple.
- S 型电热偶

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

- controller HT 40AL
- Ht40 控制器

### **Optional accessories to the furnace (for additional charge) 可选附件（需要另行计费）**

- INDUSTRY controller with RS 232 or RS 485 interface;
- 带有 RS 232 or RS 485 界面的工业控制器
- SW set for PC connection in order to monitor and record working cycles;
- 用于电脑连接的一套 SW,以监测并记录整个工作流程
- graphic temperature recorder;
- 图表温度记录器
- protection atmosphere inlet;
- 空气保护入口
- stand for vertical positioning of the furnace;
- 竖直熔炉时所需的底座
- various types of tubes;
- 各种型号的管子
- tube packer of mineral fibre;
- 矿物纤维管子打包机



- 3-zone heating system for models with tube length 750 mm.
- 为管长为 750 毫米模具的三区供热系统

**Benefits: 优点**

- all stainless-steel design;
- 完全不锈钢设计
- premium insulation materials (low electricity consumption, possibility of quick rise to required temperature);
- 价值不菲的绝缘材料（低耗电量并可快速达到所需温度）
- programmable temperature control;
- 可编写程序的温度控制器
- semi-conductor relay (more fluent and noiseless operation, minimum interference of surrounding devices);
- 抗干扰半导体继电器（操作低噪音更流畅，几乎不受周围仪器的影响）
- perfect workshop design, technical equipment and operation safety.
- 完美的车间设计、技术设备以及高度的操作安全性

类型	最高温度	内部管直径	外部尺寸 (WXHxD)	热带长度	管长	功率	重量	电压
LAC	℃	mm	m	mm	mm	kw	Kg	V
LT 50/300/13	1300	50	570×310×510	300	650	3.2	75	230
LT 50/500/13	1300	50	810×310×510	500	850	5	85	380
LT 50/750/13	1300	50	1100×310×510	750	1100	8	95	380
LT 75/500/13	1300	75	810×400×600	500	850	6.5	85	380
LT 75/750/13	1300	75	1100×400×600	750	1100	10	95	380
LT 100500/13	1300	100	810×450×650	500	850	7	85	380
LT 100/750/13	1300	100	1100×450×650	750	1100	11.5	95	380

示意图

