

LABORATORY FURNACES L

These furnaces are suitable for all laboratory tests in medical, dental, hygienic, industry, ceramic, glassmaking, and other workplaces. They are suitable for technological testing where a very precise temperature distribution and a dynamic progress of the temperature curve are required. For control of cooling, it is possible to separate heat elements in the internal space of the furnace. It is especially suitable for material heat treatments, all sorts of fritting tests, calcinations, softening or material sintering point setting, samples firing etc. The rust-resistant mantle ensures a long service life of the furnace. The heating elements are placed in the ceramic heating boards. The heating coils are thus partially protected against corrosion by aggressive materials which can be released during use.

Standard design of furnace:

- Ht40 AL or INDUSTRY controller
- Manually operated door opening downwards with an end switch
- Insulation from the mineral fibre insulation boards
- Heating panels from the refractory ceramics in the bottom and in the ceiling
- Airing chimney on the back part of the furnace
- Supply cable fitted with single-phase plug
- Thermocouple Type "S"
- Solid state relay

Accessories for an additional charge:

- Injector with an exhaust fan and draft diverter
- Plate for furnace bottom
- 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
L 03/12	Ht40 AL	1200	3	380x440x400	180x100x140	1,2	21	230	16/1	4
L 05/12	Ht40 AL	1200	5	430x470x430	230x130x170	2,4	26	230	16/1	6
L 09/12	Ht40 AL	1200	9	430x505x500	230x170x240	3	32	230	16/1	6
L 15/12	Ht40 AL	1200	15	450x505x600	250x170x340	3,5	39	230	16/1	6
L 03/12	INDUSTRY	1200	3	380x440x400	180x100x140	1,2	21	230	16/1	4
L 05/12	INDUSTRY	1200	5	430x470x430	230x130x170	2,4	26	230	16/1	6
L 09/12	INDUSTRY	1200	9	430x505x500	230x170x240	3	32	230	16/1	6
L 15/12	INDUSTRY	1200	15	450x505x600	250x170x340	3,5	39	230	16/1	6

Technical changes reserved

