

## UNIVERSAL LABORATORY FURNACE L

Universal laboratory assistant, capable of handling even the most demanding tasks

Laboratories of all types appreciate the versatility of this furnace. Its heating elements are encased in ceramic panels, giving it extra protection from mechanical and chemical damage. L furnaces have a ventilation chimney flue for the extraction of fumes, but note that they are not suitable for pyrolysis. The design quality and materials used in the construction of the L furnace guarantee that it can handle even the most demanding tasks.

Rapid achievement of Tmax

Even temperature distribution

Universal usage



Simple installation and operation



Custom adjustment



Dispatch in as little as 2 days



Silent operation



24-month warranty



Prompt customer support



You can find custom-made devices for special applications based on this furnace in this catalogue on page 45.

L 03/12

**Standard furnace equipped with:**

- Ht40AL controller (1 program: 2x ramp, 2x soak)
- heating elements built into ceramic panels
- mineral fiber insulation panels
- ventilation chimney for ventilation of the furnace chamber
- type 'S' thermocouple
- contactless solid state relays for silent operation
- limit end-switch for safe opening of the furnace
- manual door opening downwards
- desktop design

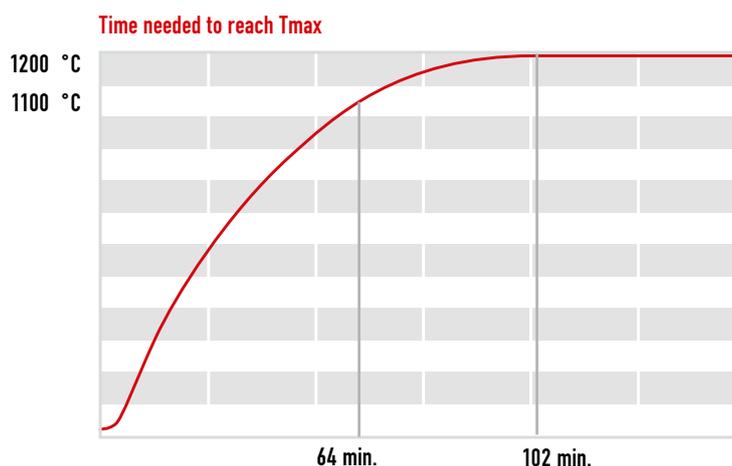
**Optional accessories for additional charge:**

- HtIndustry / Ht205 controller (30 programs of 15 steps each)
- injector with exhaust fan and draft diverter for fume extraction (only with controller HtIndustry / Ht205)
- protective floor plate
- protective atmosphere inlet (manually or automatically controlled gas supply)
- calibration of controller input measurement
- interface RS232 or EIA485 (including cable and software)
- HtMonit set (software and interface)



L 03/12

Note: Always consult with our technical office when combining optional accessories.



Thermocouple in furnace chamber and ventilation chimney



Ventilation chimney for extraction of fumes from the furnace chamber

Model	Tmax	Tmax for long-term operation	Volume	Outer dimensions (wxhxd)	Inner dimensions (wxhxd)	Input	Weight	Protection*	Voltage	Max. floor load
	°C	°C	l	mm	mm	kW	kg		V	kg
L 03/12	1200	1100	3	380x440x400	180x100x410	1.2	20	16/1	230	4
L 05/12	1200	1100	5	430x470x430	230x130x170	2.4	26	16/1	230	6
<b>L 09/12</b>	1200	1100	9	430x505x500	230x170x240	3.0	30	16/1	230	6
L 15/12	1200	1100	15	450x505x600	250x170x340	3.5	40	16/1	230	6

\*Protection may vary according to the optional accessories selected.

Subject to technical changes.