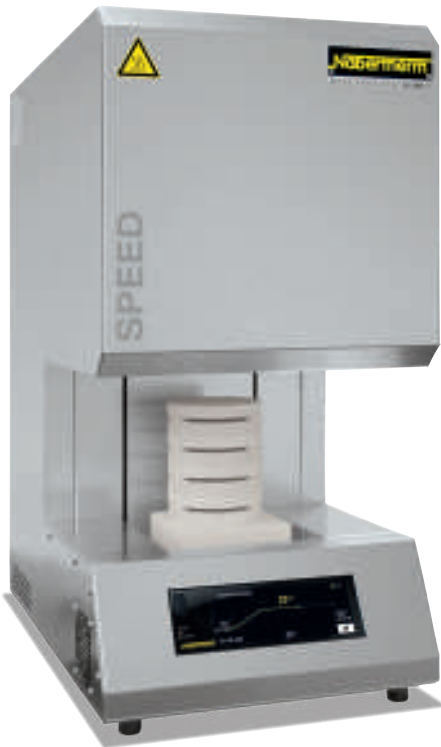


High-Temperature Bottom Loading Furnaces with Molybdenum Disilicide Heating Elements and Fiber Insulation up to 1650 °C

The electrically driving lifting table significantly simplifies the charging of the high-temperature furnaces LHT ../.. LB Speed. The heating all around the cylindrical furnace chamber provides for an optimal temperature uniformity.



High-temperature furnace LHT 02/17 LB Speed with a set of saggars

Standard Equipment

- Tmax 1650 °C
- High-quality heating elements made of molybdenum disilicide offer very good protection against chemical interaction between charge and heating elements
- Very good temperature uniformity thanks to three (LHT 02/17 LB Speed) or four-sided (LHT 01/17 LB Speed) heating of the furnace chamber
- Furnace chamber with a volume of 1 or 2 liters, table with large floor space
- Precise, motorized toothed belt drive of the table with button operation
- Opening time of table approx. 30 sec., completely open
- Exhaust air vent in the roof
- Type S thermocouple
- Controller with touch operation P580 (50 programs with each 40 segments), controls description see page 84

Additional Equipment

- Over-temperature limiter with adjustable cutout temperature as temperature limiter to protect the furnace and load
- Stackable saggars for loading in up to two or three levels, depending on model
- Reduced opening time of table to 10 sec., completely open
- Adjustable air inlet through the floor

Model	Tmax in °C	Work space dimensions ² in mm			Charging area in mm		Volume in l	Outer dimensions ¹ in mm			Connected load ³ in kW	Electrical connection*	Weight in kg
		w	d	h	w	d		W	D	H			
LHT 01/17 LB Speed	1650	75	110	60	95	130	1	350	590	695	3.6	1-phase	45
LHT 02/17 LB Speed	1650	Ø 115		140	135	135	2	390	590	785	3.6	1-phase	55

¹External dimensions vary when furnace is equipped with additional equipment. Dimensions on request.

^{*}Please see page 84 for more information about supply voltage

²Corresponds to charge saggars with spacer

³The connected load refers to the standard furnace and may increase for a furnace with additional equipment. For furnaces with connection options for multi-range voltages, the connected load applies to the highest permissible connected voltage.



Electrically driven lift-bottom



Saggars



Furnace chamber heated on four sides for model LHT 01/17 LB Speed