

## MUFFLE FURNACE

### L (LT) Series: Highly reliable muffle furnaces

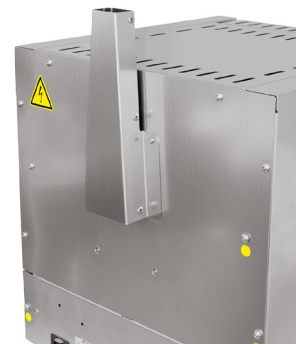
The muffle furnaces series L / LT have been proven for daily laboratory use. These models stand out for their excellent workmanship, advanced and attractive design, and high level of reliability. The muffle furnaces come equipped with either a flap door or lift door at no extra charge.

#### Features:

- Tmax 1100°C or 1200°C
- Heating from two sides by ceramic heating plates for an optimal temperature uniformity
- Temperature uniformity of  $\pm 5$  K with closed fresh-air inlet in empty work space according to DIN 17052-1 at working temperatures above 800°C
- Thermocouple type N (1100°C) or type S (1200°C)
- Ceramic heating plates with integral heating element which is safeguarded and easy to replace
- Optional flap door (L) which can be used as work platform or lift door (LT) with hot surface facing away from the operator
- Dual shell housing made of textured stainless steel sheets with additional fan cooling for low surface temperature
- Exclusive use of insulation materials without categorization according to EC Regulation No. 1272/2008 (CLP)
- Adjustable air inlet integrated in door
- Exhaust air outlet in rear wall of furnace
- Controller B510 (5 programs with each 4 segments)
- Solid state relays provide for lownoise operation
- NTLog Basic for controller: recording of process data with USB-flash drive



L 3-11



#### Technical data:

	L (LT) 3-11 / 3-12	L (LT) 5-11 / 5-12	L (LT) 9-11 / 9-12
Tmax [ ° C ]	1100 / 1200	1100 / 1200	1100 / 1200
Nominal Power [kW]	1.2	2.4	3.0
El. connection, single phase / three-phase	1 N~	1 N~	1 N~
Mains voltage / mains frequency [V , Hz]	110 ... 240 / 50...60	110 ... 240 / 50...60	110 ... 240 / 50...60
Weight [kg]	20	30	35
<b>Dimensions / inside</b>			
Width [mm]	160	200	230
Depth [mm]	140	170	240
Height [mm]	100	130	170
Volume [l]	3	5	9
<b>Dimensions / outside</b>			
Width [mm]	385	385	415
Depth [mm]	330	390	455
Height / Height with lift door open (LT variant) [mm]	405 / 560	460 / 665	515 / 755