

Lochner Labor und Technik GmbH

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Mashing Device LB Electronic

A laboratory device for routine and research analysis

With up to 6 further mashing programs of your choice, you can experiment with temperature, time and temperature gradient and this till around 92°C.

These 6 programs can be saved and adapted individually.

The PC version offers an unlimited number of user-selectable programs. For all sequences the time and temperature characteristics of the analysis are shown in the display as well in the PC. Additionally the analysis sequence can optional be displayed, stored and printed.

The device is especially well suited for determining the final fermentation of the wort or beer within 3 hours, modified according to Horst Lochner.

Computer controlled mashing device Normal- and PC-Version

Features of performance

	Normal-Version	PC-Version
Fixed program	Kongress Hartong 20°C Hartong 45°C Hartong 65°C Hartong 80°C	Kongress Hartong 20°C Hartong 45°C Hartong 65°C Hartong 80°C
Selectable programs	six	nearly unlimited
Temperature range	20°C – ca. 92°C	20°C – ca. 92°C
Max. program steps per selectable program	ten	ten
Max. time unit per program step	0-990 minutes	0-990 minutes
Temperature increase per minute	0,5 – 1,5°C	0,5 – 1,5°C
Setting accuracy	± 0,1°C	± 0,1°C
Agitator speed	variable setting from 50 to 200 rpm possiblBe	variable setting from 50 to 200 rpm possiblBe
Operational noise	very quiet (laser precision gear)	very quiet (laser precision gear)
Analysis start	immediately with START button	immediately with START button or by date and time

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Technical Data and Scope of Delivery:

LB 4 with 4 beakers – LB 8 with 8 beakers – LB 12 with 12 beakers – LB 16 with 16 beakers – LB 20 with 20 beakers and so on
In each case as Normal- or PC-Version

- LB 4 – LB 12: 220/230 Volt, 50/60 Hertz
- \geq LB 16 : 400 Volt, 50/60 Hertz
- Current consumption 14.5 A, heater 3000 Watt (LB 4 – LB 12)
- Water intake = 1/2" hose
Water outflow = 1,5" pipe connection (DN 40) – with shut-off-valve
- Housing = steel / aluminium, powder-coated
Basin, pipes and mashing tumblers in stainless steel
Basin cover in polished stainless steel
- Measurement glasses for water refill with ring markings
- Display with function keys

Additionally deliverable:

- Stirrer for Hartong analysis
- Lids for beaker
- Numbering of beaker
- PC-Software for data transfer, display, storage and printing (for Normal-Version)
- Plastic funnel and fluted filter
- Every laboratory chemicals for analysis of malt

Delivery Time:

Mashing Device for 4 - 8 - 12 tests:
2 – 4 weeks resp. from stock

Custom devices according to your wish (e.g.: 5 liter beakers):
Production and delivery by arrangement