

LABINCO L81 Basic Hotplate Magnetic Stirrer 10 ltr. 325°C



Technical data

Number of stirring positions	1
Stirring quantity max.	10 ltr
Motor rating input	35 W
Motor rating output	15 W
Speed display	analog
Speed range	50 - 1250 rpm
Stirring bar length max.	80 mm
Heat output	600 W
Heating rate	7 K/min
Heating temperature range	room temp. - 325 °C
Heat control	analog
Heat control accuracy	1 ±K
Speed control	stepless
Adjustable safety circuit min.	-
Adjustable safety circuit max.	-
Connection for ext. temperature sensor	-
Control accuracy with sensor	-
Temperature constancy in medium	1 ±K
Set-up plate material	aluminium
Set-up plate dimensions	Ø 145 mm
Dimensions (W x D x H)	172 x 286 x 125 mm
Weight	2.8 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 42
RS 232 interface	-
Product number	81000
Voltage	220 - 230 V (115 / 100 V)
Frequency	50/60 Hz
Power input	635 W

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DESCRIPTION AND OPERATING INSTRUCTIONS:

After carefully unpacking, place the unit on a suitable flat surface. Check the power-line and line-Cord with the printed specifications on the sticker at the rear. Put the line-cord into the power-line and touch-push "Power-switch-ON". The green LED will lit.

The Labinco Model L-81 is an instrument that provides heating and stirring in beaker glasses, erlenmeyers or other suitable containers, up to a capacity of 10 Ltr. A PTFE-coated Stirring-bar and this manual complete this delivery. The stepless speed control is functioning by turning the "speed-knob" clockwise, till the stirrer starts rotating.

You set the speed on the required stirring action. The stepless plate-temperature controll is linear in degrees Centigrade with the scale on the front as indicated. Of course you must introduce a suitable magnetic-stirring-bar in the container. To optimize the stirring action, sometimes other than standard stirring-bars may be needed.

Containers with unflat bottom or made of easily magnetizable materials may disturb optimal stirring action to much.

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