

LABINCO L81 Basic PTFE/Teflon Coated 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	50 - 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	Alumi. PTFE/Teflon Coated
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	81002
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.

Attention!! Do not set the temperature higher than 300 degrees

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