

# LABINCO LD81 Digital Hotplate Magnetic Stirrer



## 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. - 350 °C
Heat control	Digital
Heat control accuracy	1 ±K
Speed control	stepless
Adjustable safety circuit min.	yes
Adjustable safety circuit max.	yes
Connection for ext. temperature sensor	yes
Control accuracy with sensor	2±K
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	2.9 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 42
RS 485 interface	-
Product number	81000D
Voltage	220 - 230 V
Frequency	50/60 Hz
Power input	650 W

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## **DESCRIPTION AND OPERATING INSTRUCTIONS:**

A PTFE coated stirring-bar (40x8) mm, needle probe sensor and this manual are included with delivery. 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 cord into the power-line and switch the "Power-switch-ON" on the back side. The speed control works stepless. For the temperature setting, press the button " ✓ " and then set the desired temperature using the up or down arrow until the desired temperature on the screen and then again on " ✓ ". The controller now regulated the temperature at the set value .To use the external temperature sensor, plug the sensor plug into the rear of the device and the temperature controller now displays the temperature of the sensor.

Of course you must always put the probe of the external sensor into the liquid if you use these.

You can set the cooking time ON/OFF with the button " with the clock image ".For the time setting, press the button "with the clock image" and then set the desired time using the up or down arrow until the desired time on the screen and then push on " ✓ ". The controller now regulated the time at the set value . When the set time is reached, the alarm beeping .You can turn it off by pressing the button with the little speaker.

## **LABINCO BV**

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