

# ***Product manual***

## **Labinco L81**

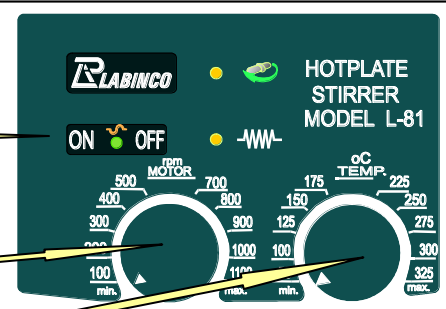
# Economy Hotplate Magnetic Stirrer

Model	Model L-81
Cat. number.	81000 (220V) 81010 (115V)
Description	Economy Hotplate Magnetic Stirrer
Hotplate Surface	150 mm diam. Aluminlum (Silum)
Stirring capacity (maximum)	5 ltr.
Motor rating input/output	22/2,2 watt
Speed range (stepless)	100 - 1250 rpm
Heating capacity	600 watt
Hotplate temperature °C	50-320 °C
Weight (nett/ packed)	2,8 Kg / 3,8 Kg
Dimensions (WxDxH) mm	172 x 286 x 125 mm
Permissible ambient T.	5 - 50 °C
Permissible humidity	80 %
Protection class	IP 42
Voltage /Frequency/Power	220V or 115AC 50/60 Hz 625 Watt



## DESCRIPTION AND OPERATING INSTRUCTIONS:

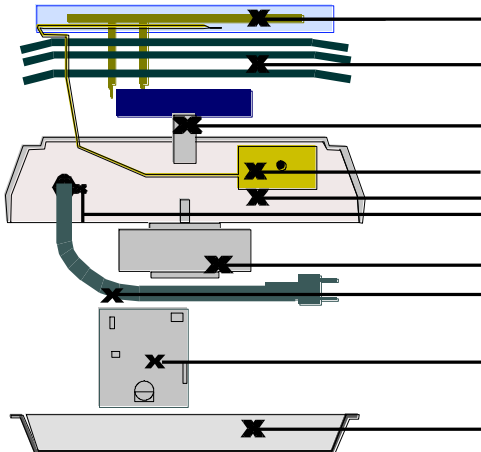
After carefully unpacking, place the unit on a suitable flat surface. Check the power-line and line-Cord with the printed specifications on the sticker at the rear. Put the line-cord into the power-line and touch-push "Power-switch-ON". The green LED will lit. The Labinco Model L-81 is an instrument that provides heating and stirring in beakerglasses, erlenmeyers or other suitable containers, up to a capacity of 5 Ltr. A PTFE-coated Stirring-bar and this manual complete this delivery. The stepless speedcontrol is functioning by turning the "speed-knob" clock-wise, till the stirrer starts rotating. You set the speed on the required stirring action. The stepless plate-temperature controll is linear in degrees Centigrades with the scale on the front as indicated. Ofcourse you must introduce a suitable magnetic-stirring-bar in the container. To optimise the stirring action, sometimes other than standard stirring- bars may be needed. Containers with unflat bottom or made of easily magnetisable materials may disturb optimal stirring action to much.



## MAGNETIC STIRRING BARS:

Package of 5 pc.			
54001	20 x 8mm	54014	30 x 8mm
54012	40 x 8mm	54015	50x8mm
54013	60 x 8mm	54017	10x7mm
Package of 1 (one) pc.			
54018	60x14mm	54019	70x16mm
54021	PTFE REMOVAL BAR		

## SCHEMATIC DRAWING

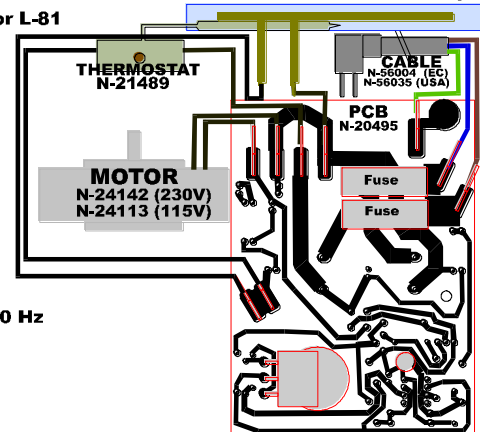


## SPARE-PARTS

- N-67337 Hotplate assembly 600W 115 V
- N-67338 Hotplate assembly 600W 230 V
- N-65112 St. Steel reflectors (3pc.) for L-81
- N-67339 Magnet assembly for L-81
- N-21489 Thermostat 50-325 °C
- N-41310 Aluminum Housing
- N-26131 Cable-connector PG-7
- N-24142 Motor 230V AC 50/60 Hz
- N-24113 Motor 115V AC 50/60 Hz
- N-56004 Cable 220V
- N-56035 Cable 115V
- N-20495 PCB for L-81 230/115 V 50/60 Hz
- N-49019 Ventilated ABS bottom

## WIRING DIAGRAM

- N- 67337 115V Hotplate
- N- 67338 230V Assembly



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