

LABINCO L295 Solubility Index Mixer



Technical data

Number of mix positions	1
Mixing quantity max.	special glass jar
Motor rating input	60W
Motor rating output	55 W
Speed display	-
Speed range	not adjustable
Timer display	digital 1s. up to 99h 59m 59s
Heat output	-
Heating rate	-
Heating temperature range	-
Heat control	-
Heat control accuracy	-
Speed control	not adjustable
safety circuit	2 x
Adjustable safety circuit	-
Connection for ext. temperature sensor	-
Control accuracy with sensor	-
Temperature constancy in medium	-
Set-up plate material	PE
Set-up spring clip dimensions	Ø 80 mm
Dimensions (W x D x H)	250 x 260 x 380 mm
Weight	11.2 kg
Permissible ambient temperature	5 - 60 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 42
RS 232 interface	-
Product number	29500
Voltage	220 - 230 V (115 / 100 V)
Frequency	50/60 Hz
Power input	65 W

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Description

The Model "L295 SOLUBILITY INDEX MIXER" is a precision mixer. It is intended for use primarily in determining the solubility of dry milk powder as specified by the American Dry-Milk Institute in standard method no: B 911 and no: B 913 (and DLG-Prüfungs-bestimmungen für Milch and Milch-Erzeugnisse 1965, page 43). The mixer is useful in any application requiring that mixing conditions be accurately reproduced from one run to another. Provided with a strong Synchronous motor, an digital timer to set 90 seconds. (Timer from 1 sec up to 99h-59min-59sec). Because of the high precision of the mixer and the method standards, other powder solubility determinations can be performed and standardized. It has a special designed glass mixing jar, precision impeller for a constant speed.

Operating instructions;

Place the mixer on a suitable table. Screw the metal handle with black knob in the axis protruding from the base (right side of control panel). Pull the handle towards you and observe how the platform moves upwards and is locked in place; moving the handle away the platform drops against a rubber stop. In this last position, take a beaker filled with the required amount of sample and water and move it up around the mixing rod, till it presses against the rubber gasket. Now actuate the handle and the beaker is locked in place. You can now choose to continue or timer function.

Key functions: (PROG) Selects between hours, minutes and seconds. (+) Increments the selected time range. (-) Decrements the selected time range. (RESET) Resets to start time. (START/STOP) Starts and stop the countdown.

Setting the time; Press the (PROG) button once. This will cause the hour digit to flash.

Using the (+) (-) keys to set the desired amount of hours required. Repeat it to set min. or sec.

Pressing the (START/STOP) button activates the relay and the set time begins to count down in one second steps. When the set time reaches zero the unit emits an audible signal, the relay deenergizes and the set time is indicated on the display.

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