



Digital Hotplate Stirrer

LDHS-A1 & LDHS- B1 Series

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Digital Hotplate Stirrer LDHS-A10/ LDHS-A11

Digital Hotplate Stirrer LDHS-A10/ LDHS-A11 is a microprocessor controlled portable unit with a top plate temperature of 0 °C to 500 °C. Features an easy to read digital display with an adjustable setting for working time, temperature and stirring speed. Chemically resistant ceramic glass plate provides excellent heat transmission with even distribution. Automated system shut off on exceeding the set temperature. Dual PID supports quick heating of large volume sample or accurate control of small amount of sample.

Features

- ◆> Microprocessor PID controlled
- ◆> Memory function with fixed conditions (stirring speed and temperature)
- ◆> Liquid drainage above control board (avoiding solution splashing on touch board)
- ◆> Temperature sensor for effective control
- ◆> Push buttons for easy adjustment of parameters (A10)
- ◆> Chemically resistant ceramic glass plate (antithermal-shock)
- ◆> Hot top warning indicator
- ◆> Automated system shut down on exceeding preset temperature
- ◆> Dual PID for quick heating

Digital Hotplate Stirrer LDHS-B10 / LDHS-B11

Digital Hotplate Stirrer LDHS-B10 / LDHS-B11 is a microprocessor controlled portable unit with a top plate temperature of 0 °C to 380 °C. Features an easy to read digital display with an adjustable setting for working time, temperature and stirring speed. Ceramic coated stainless steel top plate provides mild sample heating. Automated system shut off on exceeding the set temperature. Dual PID supports quick heating of large volume sample or accurate control of small amount of sample.

Features

- ◆> Microprocessor PID controlled
- ◆> Memory function with fixed conditions (stirring speed and temperature)
- ◆> Liquid drainage above control board (avoiding solution splashing on touch board)
- ◆> Temperature sensor for effective control
- ◆> Push buttons for easy adjustment of parameters (B10)
- ◆> Ceramic coated stainless steel top plate
- ◆> Hot top warning indicator
- ◆> Automated system shut down on exceeding preset temperature
- ◆> Dual PID for quick heating

Applications

Used for liquid mixing, in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals etc.

Specifications

Model No	LDHS-A10	LDHS-A11
Display mode	LED	LCD
Plate temperature	0 °C - 500 °C	0 °C - 500 °C
Safety temperature	550 °C	50 °C - 550 °C
PID parameters	1 set	2 set
Rotating speed	100 rpm - 1200 rpm	100 rpm - 1200 rpm
Solvent temperature	0 °C - 300 °C	0 °C - 300 °C
Temperature stability	± 2 °C	± 2 °C
Heating capacity	600 W	600 W
Maximum H ₂ O capacity	20 L	20 L
Plate material	Glass ceramic	Glass ceramic
Timer		1 - 9999 mins /continuous
Interface	RS232	USB
High temperature protection (ΔT)		10 °C - 50 °C
Top plate dimensions	150 x 190 mm	150 x 190 mm
Dimensions	225 x 215 x 115 mm	225 x 215 x 115 mm

Specifications

Model No	LDHS-B10	LDHS-B11
Display mode	LED	LCD
Plate temperature	0 °C - 380 °C	0 °C - 380 °C
Safety temperature	370 °C	50 °C - 370 °C
PID parameters	1 set	2 set
Rotating speed	100 rpm - 1200 rpm	100 rpm - 1200 rpm
Solvent temperature	0 °C - 200 °C	0 °C - 200 °C
Temperature stability	± 2 °C	± 2 °C
Heating capacity	500 W	500 W
Maximum H ₂ O capacity	20 L	20 L
Plate material	Stainless coated with ceramic	Stainless coated with ceramic
Timer		1 - 9999 mins / continuous
Interface	RS232	USB
High temperature protection (ΔT)		10 °C - 50 °C
Top plate dimensions	150 x 190 mm	150 x 190 mm
Dimensions	225 x 215 x 115 mm	225 x 215 x 115 mm