

## Hotplate Magnetic Stirrer



ES35A



ES35A-Pro

### Features of ES35A and ES35A-Pro

- ✦ Magnetic stirrer with modern design
- ✦ Stainless steel plates or porcelain enamel heating surfaces
- ✦ Precise analogical stirrer speed control
- ✦ High electronic insulation degree (IP42) and external brushless motor guarantee long service time
- ✦ Separate safety circuit automatically stop heating when temperatures exceed 350 °C



ES35B



ES35B-Pro

### Features of ES35B and ES35B-Pro

- ✦ New stir technology unit for unsupervised operations
- ✦ Stirrer bar breakaway function
- ✦ Easy-to-read backlit LCD display
- ✦ High accuracy heating/stirring controls
- ✦ Stainless steel plates or porcelain enamel heating surfaces for excellent chemical resistance
- ✦ Separate adjustable safety circuits
- ✦ External PT1000 temperature probe option

## TECHNICAL PARAMETERS

	<b>ES35B / ES35B-Pro</b>	<b>ES35A / ES35A-Pro</b>
Power [W]	550	530
Max. stirring volume ( lt of H <sub>2</sub> O)	20	20
Motor type	External rotor brushless motor	External rotor brushless motor
Motor rating input [W]	18	18
Motor rating output [W]	10	10
Speed range [rpm]	100-1500	0-1500
Speed display	LCD	Scale
Speed display accuracy [rpm]	1	--
Material	Porcelain enamel (B-Pro) Stainless steel (B)	Porcelain enamel (A-Pro) Stainless steel(A)
Heating plate dimension [mm]	φ135	φ135
Heating power [W]	500	500
Heating rate (1lt of H <sub>2</sub> O ) [K/min]	6	6
Heating Temperature Range [°C]	RT-340	RT-340
Temperature display	LCD	Analog Scale
Temperature display accuracy [°C]	0.1	-
Control accuracy of heating temperature [°C]	1	-
Adjustable safety circuit (heating plate)[°C]	100-350 adjustable	-
Control accuracy of heating temperature with external temperature sensor [°C]	0.2	-
External temperature sensor (Option)	PT1000	-
Dimension [mm]	280×160×85	280×160×85
Weight [kg]	2.8	2.8
Permissible ambient temperature [°C]	5-40	5-40
Permissible relative humidity	80%	80%
Protection class acc. to DIN EN60529	IP42	IP42

### **LabTech Srl**

Via Fatebenefratelli 1/5  
24010 Sorisole (BG), Italy  
Tel. +39 035 576614  
Fax +39 035 4729414

Tel.: +39 035 576614  
Fax: +39 035 4729414  
E-mail: [info@labtechsrl.com](mailto:info@labtechsrl.com)  
Web site: [www.labtechsrl.com](http://www.labtechsrl.com)