

# General Specifications

## 7" X 7"

Model Number	S133325	S133320-33	S133324
<b>Overall Dimensions in. (cm)</b>			
Width	8.2" (20.8 cm)	8.2" (20.8 cm)	8.2" (20.8 cm)
Height	3.8" (9.7 cm)	3.8" (9.7 cm)	3.8" (9.7 cm)
Depth	13.0" (33.0 cm)	13.0" (33.0 cm)	13.0" (33.0 cm)
Weight lbs (kg)	11.0 lbs (5.0 kg)	11.0 lbs (5.0 kg)	11.0 lbs (5.0 kg)
<b>Top Plate</b>			
Width	7.25" (18.4 cm)	7.25" (18.4 cm)	7.25" (18.4 cm)
Height	1.0" (2.5 cm)	1.0" (2.5 cm)	1.0" (2.5 cm)
Depth	7.25" (18.4 cm)	7.25" (18.4 cm)	7.25" (18.4 cm)
<b>Electrical Ratings</b>			
Volts	120	220-240	100
Amps	.41	.18	.42
Watts	25	25	25
Freq.	60	50/60	50/60
Phase	1	1	1

## 10" X 10"

Model Number	S133935	S133930-33	S133934
<b>Overall Dimensions in. (cm)</b>			
Width	11.3" (28.7 cm)	11.3" (28.7 cm)	11.3" (28.7 cm)
Height	4.0" (10.1 cm)	4.0" (10.1 cm)	4.0" (10.1 cm)
Depth	16.25" (41.2 cm)	16.25" (41.2 cm)	16.25" (41.2 cm)
Weight lbs (kg)	13.75 lbs (6.24 kg)	13.75 lbs (6.24 kg)	13.75 lbs (6.24 kg)
<b>Top Plate</b>			
Width	10.5" (26.7 cm)	10.5" (26.7 cm)	10.5" (26.7 cm)
Height	1.0" (2.5 cm)	1.0" (2.5 cm)	1.0" (2.5 cm)
Depth	10.5" (26.7 cm)	10.5" (26.7 cm)	10.5" (26.7 cm)
<b>Electrical Ratings</b>			
Volts	120	220-240	100
Amps	.41	.18	.42
Watts	25	25	25
Freq.	60	50/60	50/60
Phase	1	1	1

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## GENERAL SPECIFICATIONS

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### Stirring Speed Specifications

Speed Range 50 to 1200 RPM  
(Maximum speed is dependent on the viscosity of the solution)

Stability of the stirring speed setpoint (600 ml of water in a 1000 ml glass flask above 200 rpm)  $\pm 2.0\%$   
Accuracy of the stirring setpoint (600 ml of water in a 1000 ml glass flask above 200 rpm)  $\pm 2.0\%$

<b>Top Plate Size</b>	<b>Max Recommended Beaker Size</b>	<b>Max Weight on Top Plate</b>
7" x 7"	4 liters	25 lbs
10" x 10"	6 liters	35 lbs

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## Environmental Conditions

Operating:	0°C to 27°C; 20% to 80% relative humidity, non-condensing. Installation category II (overvoltage) in accordance with IEC 664. Pollution degree 2 in accordance with IEC 664. Altitude Limit: 2,000 meters.
Storage:	-25°C to 65°C 10% to 85% relative humidity

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## Declaration of Conformity

(for 220-240 volt, -33 CE models only)

We hereby declare under our sole responsibility that this product conforms with the technical requirements of the following standards:

EMC:	EN 61000-3-2 EN 61000-3-3 EN 61326-1	Limits for harmonic current emissions Limits for voltage fluctuations and flicker Electrical equipment for measurement, control, and laboratory use; Part I: General Requirements
Safety:	EN 61010-1  EN 61010-2-051	Safety requirements for electrical equipment for measurement, control, and laboratory use; Part I: General Requirements Part II: Particular requirements for laboratory equipment for mixing and stirring

*per the provisions of the Electromagnetic Compatibility Directive 89/336/EEC, as amended by 92/31/EEC and 93/68/EEC, and per the provisions of the Low Voltage Directive 73/23/EEC, as amended by 93/68/EEC.*

The authorized representative located within the European Community is:

Thermo Fisher Scientific  
Robert-Bosch-Straße 1  
63505 Langenselbold  
Germany

Copies of the Declaration of Conformity are available upon request.