

2 SPECIFICATIONS

<i>Innova 4200 Incubator Shaker</i>		
Cabinet	construction	Heavy gauge stainless steel
	door	26 3/8"H x 22"W (670 mm x 559 mm)
	double paned glass window	19 1/4"H x 11 3/8"W (489 mm x 289 mm)
	fluorescent light	13 watt—provides illumination inside chamber
	shelves	2 Stainless Steel 20"W x 20"L (508 mm x 508 mm)—adjustable—(1/2" (12.7 mm) centers)
	internal AC receptacle	200W AC—waterproof w/ mating connector—can be used w/ magnetic stirrer, spinner flask, rocker, roller & shakers
Dimensions	platform	18"W x 18"L (457 mm x 457 mm)
	overall†	24.4"W x 28.7"L x 36.4"H (620 mm x 729 mm x 925 mm)
	chamber	20 1/2"W x 20 1/2"L x 24.8"H (520 mm x 520 mm x 630 mm)
Electrical	1200 Watts—120/100/200/240V—50/60Hz	
Indicator	3 digit LED	
Recorder Output	Two 0-5 Volt—tracks temperature & speed w/ optional recorder	
Shaking	alarm	Audible & visible indicates when speed deviates ± 5 rpm—audible alarm can be deactivated
	control	± 1 rpm—acceleration control minimizes splashing caused by sudden starts and stops
	display	1 rpm increments
	drive	Triple-eccentric counterbalanced drive w/ 9 sealed for life, ball bearings
	motion	3/4" (19 mm) circular—standard 1" (25.4) optional
	motor	1/15 HP, 3-phase solid-state, brushless ball bearing DC motor
	range	25–400 rpm, 25-300 rpm for stacked unit
	timer	Programmable shaking continuous \rightarrow 99.9 hours—setable in 0.1 hr. increments—alarm sounds at end of shaking period
Safety	automatic restart	Setpoints & operating status retained by non-volatile memory—auto restart after power is restored
	door interlock	Shaker shuts off when door is open
	unbalanced/ overload sensor	Limits speed automatically when unbalanced or overload condition is detected
	chamber temperature	Heater shuts off if temperature exceeds operating range

† 51.2 (130 cm) front to back w/ door open

Innova 4200 Incubator Shaker		
Options	stacking kit	Provides stacking for up to (2) Innova 4200 shakers
Temperature	alarms	Audible & Visual—when temperature deviates > 1.0°C—audible alarm can be deactivated
	ambient	15–35°C/Humidity—up to 90% non-condensing
	control	±0.1°C
	heaters	Resistance w/ high temperature safety cutoff
	range	5°C above ambient to 75°C (50 Hz units) or 80°C (60 Hz units)
Weight	uniformity	±.3°C NOM.
	net	275 lb. (125 kg.)
	gross	335 lb. (152 kg.)



CAUTION!

Do not set the temperature above:

- 75°C for 50 Hz units
- 80°C for 60 Hz units.