

## **STEADYSHAKE™ 757 and 757L BENCHTOP ORBITAL INCUBATOR SHAKERS**



The SteadyShake™ 757 and 757L are economical and compact benchtop incubator shakers. The 757 occupies only 18"W x 19"D of space, and the 757L is slightly larger (20.5"W x 25.5"D) for increased flask capacity. The 757 can accommodate four 2-liter Erlenmeyer or two 2.8-liter Fernbach flasks, and the 757L five and four of these, respectively. The lid has a large viewing window and a microprocessor temperature controller maintains precise temperature control from 3°C above ambient to 70°C. A quiet fan ensures air and temperature uniformity throughout the chamber. The brushless, maintenance-free drive motor generates speeds from 40 to 400 RPM (60 Hz frequency) which is displayed on a digital readout. A triple-eccentric drive with counterbalancing weights provides smooth and quiet shaking, and eliminates the inconvenience of making balancing adjustments as the load increases. The timer switch affords a choice of flipping between a continuous run and a timed run up to 99 hours and 59 minutes. An independent over-temperature thermostat, conveniently located on the control panel, prevents over-heating.

***Amerex Instruments, Inc.***

## SPECIFICATIONS FOR STEADYSHAKE™ 757 and 757L

	SteadyShake 757	SteadyShake 757L
<b>Temperature Range</b>	About 3°C above ambient to 70°C	
<b>Temperature Control</b>	Auto-tune microprocessor proportional integral temperature controller	
<b>Temperature Display</b>	Digital to 0.1°C	
<b>Accuracy/Uniformity</b>	±0.1°C/±0.5°C at 37°C	
<b>Safety Devices</b>	1) Motor stops when door is opened, 2) independent over-temperature thermostat prevents over-heating	
<b>Drive</b>	Dynamically balanced triple-eccentric drive for smooth, stable shaking and that does not require internal adjustments as the load changes	
<b>Motor</b>	Maintenance-free brushless motor	
<b>Speed Range</b>	40 to 400 rpm (60 Hz frequency) with standard 1" (25mm) orbit	
<b>Speed Display</b>	Digital readout	
<b>Chamber Material</b>	Coated steel	
<b>Platform Dimensions</b>	15.8"W x 11.8"D (400mmW x 300mmD)	18.1"W x 18.1"D (460mmW x 460mmD)
<b>Chamber Dimensions</b>	17.7"W x 15.0"D x 13.0"H (450mm x 380mm x 330mm)	20.1"W x 21.2D x 13.0"H (510mmW x 540mmD x 330mmH)
<b>Overall Dimensions</b>	18.1"W x 19.3"D x 19.7"H (460mm x 490mm x 500mm)	20.5"W x 25.5"D x 19.7"H (521mmW x 648mmD x 500mmH)
<b>Power Source</b>	120V, 50/60Hz, single phase, 4A (220V available)	120V, 50/60Hz, single phase, 6A (220V available)
<b>Shipping Weight</b>	104 lb	132 lb

### Flask Capacity

Flask Size (mL)	25	50	125	250	500	1000	2000	2800
Capacity of 757	48	35	20	12	8	6	4	2
Capacity of 757L	81	64	36	25	16	9	5	4

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