

INCUBATOR SHAKERS

Compact Benchtop

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 counter-balancing 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.

Steadyshake is a trademark of Amerex Instruments, Inc.

STEADYSHAKE™ 757 and 757L BENCHTOP ORBITAL INCUBATOR SHAKERS



INCUBATOR SHAKERS



SPECIFICATIONS FOR STEADYSHAKE™ 757 and 757L

	SteadyShake 757	SteadyShake 757L
Temperature Range	About 3°C above ambient to 70°C	
Temperature Control	Auto-tune microprocessor proportional integral temperature controller	
Temperature Display	Digital to 0.1°C	
Accuracy/Uniformity	±0.1°C/±0.5°C at 37°C	
Safety Devices	1) Motor stops when door is opened, 2) over-temp thermostat prevents over-heating	
Drive	Dynamically balanced triple-eccentric drive	
Motor	Maintenance-free brushless motor	
Speed Range	40 to 400 rpm (60 Hz frequency) with standard 1" (25mm) orbit	
Speed Display	Digital readout	
Timer	Programmable up to 99 hours and 59 minutes	
Chamber Material	Coated steel	
Platform Dimensions	15.8"W x 11.8"D (400mmW x 300mmD)	18.1"W x 18.1"D (460mmW x 460mmD)
Chamber Dimensions	17.7"W x 15.0"D x 13.0"H (450mm x 380mm x 330mm)	20.1"W x 21.2"D x 13.0"H (510mmW x 540mmD x 330mmH)
Overall Dimensions	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)
Power Source	120V, 50/60Hz, single phase, 4A (220V available)	120V, 50/60Hz, single phase, 6A(220V available)
Shipping Weight	84 lb	105 lb

Flask Capacity

Flask Size (mL)	25	50	125	250	500	1000	2000	2800
Capacity of 757	48	35	20	12	8	6	3	2
Capacity of 757L	81	64	36	25	16	9	5	4

ACCESSORIES



Incubator Shaker Accessories

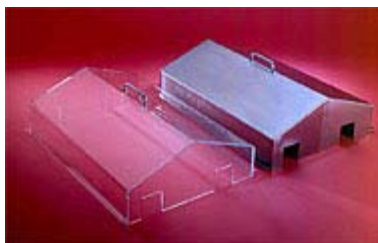
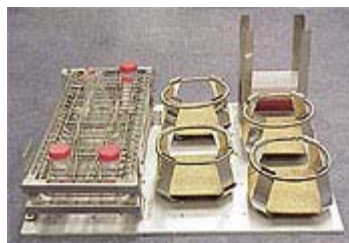
Optional accessories include platforms, clamps, full and custom spring racks, microtiter plate holders and additional shelves. Platform holes are drilled to accommodate the different clamps purchased. Spring racks are designed for holding tubes in a horizontal, angled, or upright position. They can also be used to hold flasks up to 1-liter without clamps. The racks consists of a 2-tiered grid of stainless steel springs. The distance between the two grids is adjustable so as to accommodate tubes and flasks of different heights. The spring racks are fastened onto the platform by four screws. Custom spring racks (photo above) allow for a combination of large flasks, microtiter plates and tubes on a given platform.

Water Bath Shaker Accessories

Optional accessories include clamps, stainless steel and acrylic gable covers, spring racks, platforms (standard in GYROMAX 939 and 939XL) and cooling coils for piping in circulating cold water into the bath. The spring rack mounts on the platform, and consists of a 2-tiered grid of stainless steel springs attached to holes on opposite sides of the rack. It is used to hold flasks up to 1-liter without the need for clamps and for holding tubes of various diameters and heights in a horizontal, an angled, or an upright position.

Platform Shaker, Hybridization Oven, Incubator and Convection Oven Accessories

Optional accessories include platforms, clamps, custom spring racks, hybridization bottles, hybridization rotisseries, rotisserie clips for 50-, 15-, 2- and 1.5-mL tubes, microtiter plate holders and additional shelves.



Connect With Us

