



MaxQ 8000 shaker
Model No. SHKE8000



Thermo Scientific MaxQ 8000 Incubated and Refrigerated Stackable Shakers

Can be Stacked Two to Three High on the Floor for Space Savings

- Choose from two temperature ranges to fulfill a number of molecular biology applications.
- HEPA filter ensures air inside the chamber remains clean and reduces cross contamination improving culturing conditions.
- Slide out platform provides convenient 100% sample access.
- Crevice-free Type 304 stainless steel chamber with coved corners and built-in drain keeps spills within the work area and promotes easy cleaning.
- Chamber is tall enough to accommodate 2L Erlenmeyer flasks.
- Top platform height is under 61.0 in. (154.9 cm) when units are stacked three high, ensuring ease-of-use and convenient accessibility.

- Easy to clean platforms are constructed of 5/16 in., heavy duty brushed anodized aluminum, which does not chip or rust.
- Fold-down door with ergonomically designed doorhandle, large quick-release base (included), and 29.5 x 18 in. (74.9 x 45.7 cm) dedicated or universal platforms accommodate a variety of vessels for versatility.
- Large viewing window and internal xenon light allow sample visibility minimizing the need to open the chamber door.
- Shaker door features a magnetic gasket for a tight seal, pneumatic dampers for smoother controlled opening, and hinges with counter balance springs to ease door closing.
- Electronic components and HEPA filter are easily accessed from the front of the unit, eliminating the need to move the shaker during regular maintenance or service.
- Heavy-gauge cold-rolled steel exterior is designed to safely support units stacked three high.
- Five year warranty on parts, one year on labor and lifetime* on drive mechanism**.

Digital Operating System

- ? Triple counterbalanced mechanism provides optimum handling of full or unbalanced loads, regardless of flask placement.
- Heavy-duty eccentric drive mechanism allows extended speed ranges from 25 to 400 rpm, +/- 1 rpm with minimal vibration, even when shakers are stacked three high.



For a complete system order: 1. Shaker, 2. Platform, 3. Clamps

Shaker Options	Speed Range (rpm)	Orbit Diameter In. (cm)	Max. Load Lbs (kg)	Temperature Range and Accuracy	Temperature Uniformity	Overall Dimensions Inches (cm)			Shipping Weight Lb.(kg)	Model No. 120V, 60 Hz	Model No. 230V, 50 Hz
MaxQ8000-Stackable Incubated Shaker						L	W	H			
Digital	25-400 ±1	1.0(2.54)	18(8.2)	10°C above ambient to 60°C ±0.15°C at 37°C in flask	±0.3°C at 37°C	33.3 (84.6)	46.5(118.1)	25 (63.5)	658 (298.5)	SHKE8000	SHKE8000-1CE
MaxQ8000-Stackable Incubated and Refrigerated Shaker						L	W	H			
Digital	25-400 ±1	1.0(2.54)	18(8.2)	20°C below ambient to 60°C ±0.15°C at 37°C in flask	±0.3°C at 37°C	33.3 (84.6)	56.5(143.5)	25 (63.5)	723(328)	SHKE8000-7	SHKE8000-8CE

REQUIRED ACCESSORIES

MaxQ 8000				Model No.
Platforms Choose the platform that best fits your needs.	Universal Platforms -Maximum flexibility for using a mix of different size labware on a single platform. See Universal Clamp Guide for clamp capacities. Purchase clamps separately.	29.5x18" (74.9x45.7 cm)	Platform without Clamps	238061
	Dedicated Platforms Clamps come installed to provide maximum capacity.	29.5x18" (74.9x45.7 cm)	Platform with Clamps	See Dedicated Platforms on page 21
Clamps	Mix and match clamps for your Universal Platform.			See Universal Clamp Guide on page 20 and 21

- Heavy-duty permanently lubricated bearings provide long life. Cool running, brushless 1/3 HP, DC motor ensures continuous maintenance-free operation.
- All microprocessor functions can be calibrated easily through the keypad. Sealed control panel minimizes concern about accidental spills.
- Audio/visual, high/low rpm tracking alarms alert you if speed deviations occur. Alarms can be silenced temporarily and ring back as a reminder of unresolved alarm conditions.
- Non-volatile memory saves settings during a power outage and automatically restarts the unit after power is restored.
- Controlled acceleration circuitry provides smooth start-up and stopping to eliminate splashing and wetting of flask closures.
- RS232 port is standard and permits computer interface and monitoring of time, temperature and speed.
- For long-term documentation an optional free standing chart recorder is available.
- Standard remote alarm contacts allow convenient monitoring of alarm conditions from another location.

Applications

- Growth of bacteria or yeast
- Dissolution studies
- Staining and destaining of electrophoresis gels
- Extractions
- Protein expression
- Growth of insect cells
- Hybridizations
- Protein purification

Safety

- Flip-down handle on the quick-release base prevents the shaker from running if the platform is not secured.
- Slide-out platform features a large mounting surface area and is secured to ensure a smooth, stable motion. Platform motion is continuously monitored independently of motor operation for added protection.



Models SHKE8000
(SHKE8000-1CE)

* Lifetime = 10 years

** All warranties are dependent on the units being maintained regularly as stated in the operation and service manuals.