

GYROMAX™ 818 ORBITAL OPEN-AIR SHAKER



The **GYROMAX™ 818** is a heavy-duty, large-capacity and low-profile open-air shaker that can carry a load of over 100 lb. Its low profile and a large foot print confers more stability to the 818 than many other shakers with an oversize platforms.

The shaker features microprocessor control and digital RPM and timer readouts. Speed range is from 40 to 400 and a microprocessor regulates the speed to within ± 1 RPM of set point. The shaking orbit of 25 mm provides a higher oxygen transfer rate (OTR) compared to shakers with a 19-mm orbit because OTR is directly proportional to orbit size. A acceleration circuitry provides for a smooth ramp-up of speed to minimize splashing. A triple-eccentric drive that is dynamically balanced with counter weights ensures smooth and quiet shaking. This feature also eliminates the need to make adjustments as the load increases, and together with a low-profile design, ensures a smooth, stable and quiet operation. A fan cools the drive motor to ensure a long life.

The programmable timer affords a choice of switching between a continuous run, and a timed run. The timer is settable up to 99 hours and 59 minutes in 1 minute increments, or to 9999 hours in increments of one hour.

Accessories include platforms, clamps, tube racks, rack holders, a plate holder, and stainless steel spring racks for tubes of different sizes in an angled or vertical position, plus flasks of various sizes without the need for clamps.

Amerex Instruments, Inc.

SPECIFICATIONS: GYROMAX™ 818

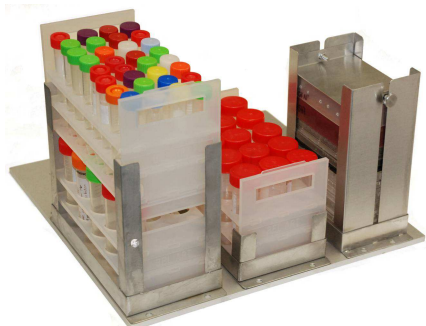
- Microprocessor controlled.
- Safety features include auto-restart after power failure.
- Maintenance-free brushless motor with a cooling fan for long life.
- Dynamically balanced, triple-eccentric drive for long life and smooth, stable, and quiet operation and eliminates the need to make adjustments as the load changes.
- Digital RPM display.
- Timer from 1 to 9999 hours, or 1 minute to 99 hours and 59 minutes, or continuous.
- In case of power failure, shaking automatically resumes and the timer will count from where it last stopped after power is restored.
- Shaking speed: 40 to 400 RPM.
- Shaking orbit: 25 mm
- Overall dimensions: 38"W x 24"D x 8.5"H.
- Platform dimensions: 38"W x 24"D.
- Power source: 120V, 50/60Hz, 2A (220V available).
- Shipping weight: 300 lb.
- Warranty: 2 years
- Accessories: Platforms, clamps, tube racks, and stainless steel spring racks that accommodate both flasks and tubes of different sizes.

Model 818 Flask Capacity

Flask Size (mL)	50	125	250	500	1000	2000	2800	4000	6000
No. of Clamps	160	104	70	40	24	15	8	8	8

Accessories:

Holders for Tube Racks & Plates



Full Size Spring Rack



Platform with Custom Spring Rack and Other Accessories



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