

GYROMAX™ 777 ORBITAL INCUBATOR SHAKER



Incubate and Shake it to the Max...with GYROMAX!

The **GYROMAX™ 777 Orbital Incubator Shaker** offers the most capacity among all chest-type incubator shakers on the marketplace. Its platform can accommodate twenty-four 1-L, fifteen 2-L and eight 6-L flasks. The double-walled construction, with 1.25" of insulation and a triple-paned, evacuated viewing glass window, minimizes heat loss. This construction, together with an efficient circulation system, ensures unrivaled optimum temperature uniformity throughout the chamber. The temperature is microprocessor-controlled and is monitored accurately by a Pt-100 RTD. It is set digitally and reproducibly from a membrane keypad and displayed by an LED to 0.1°C. The working temperature is from about 5°C above ambient to 80°C. Over-temperature cutoff devices protect the chamber from accidental overheating. A timer is programmable up to 99 hours or for continuous operation.

A large, quiet fan ensures air and temperature uniformity throughout the stainless steel chamber. The brushless drive motor is maintenance-free and generates speeds from 25 to 400 RPM that is displayed digitally. A cooling fan ensures that this motor operates at a lower temperature for a longer life. A triple-eccentric drive with counter-balancing weights provides stable shaking. The shaking stops when the door is opened. The chamber is constructed of stainless steel. The chamber lamp is turned on and off with a switch on the control panel.

Optional accessories include: platforms, clamps, and spring racks. Platform holes are drilled to accommodate the different clamps purchased. The spring rack is designed for holding tubes in a horizontal, angled, or upright position. It can also be used to hold flasks up to 1-liter without clamps. The rack consists of a 2-tier grid of springs. The distance between the racks is adjustable so as to accommodate tubes and flasks of different heights. It is mounted on to the platform by four screws.

Amerex Instruments, Inc.

GYROMAX™ 777 INCUBATOR SHAKER

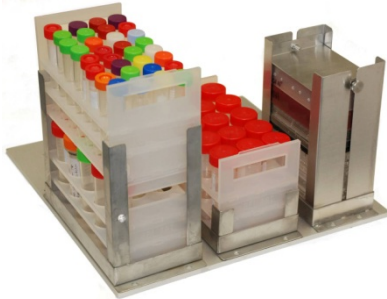
SPECIFICATIONS	777
Temperature Range	5°C above ambient to 80°C
Temperature Control	Auto-tune PID microprocessor temperature controller, platinum RTD sensor
Temperature Display	Digital to 0.1°C
Accuracy/Uniformity	±0.1°C/±0.5°C
Insulation	1.25" all around chamber
Safety Features	Shaking stops when lid is opened. Auto-restart after power failure.
Viewing Window	1.25" (30mm) thick
Spring Rack	Accommodates an accessory spring rack that can shake flasks without the use of clips or clamps as well as 15-mL or 50-mL Falcon tubes placed horizontally, vertically, or at 45° to the platform
Drive	Dynamically balanced triple-eccentric drive with counter weights eliminates the need for adjustments as the load changes
Motor	Maintenance-free, brushless motor cooled by a fan
Speed Range	20 to 400 RPM
Orbit	1" (25mm). Also available 1.5" (38mm), 19.7" (50mm) and 2.75" (70mm)
Speed Display	Digital LED with direct speed sensor
Timer	Programmable up to 99 hours or for continuous operation
Chamber Dimensions	41"W x 28"D x 19.7"H (1040mm x 710mm x 500mm)
Platform Dimensions	38"W x 24"D (980mm x 600mm)
Overall Dimensions	51.6"W x 30"D x 36.6"H (1310mm x 760mm x 930mm)
Power Source	120V, 50/60Hz, single phase, 15A (220V available)
Warranty	2 years

FLASK CAPACITY

Flask Size (mL)	50	125	250	500	1000	2000	2800	4000	6000
No. of Flasks	70	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



Flask Clamps



Amerex Instruments, Inc.

3951C Industrial Way
 Concord, California 94520
 925.299.0743 / Fax: 925.299.0745
www.amerexinst.com
marketing@amerexinst.com