

Steridium's latest micro-digital technology has been integrated with state of the art materials to produce a new generation of precision orbital shaker. Ideal for laboratory, medical or scientific applications, this high-tech unit will stand the test of time, offering accuracy and reliability in the toughest of conditions.



- Slow speed soft start
- Micro-digital controller
- Speeds from 20 to 200 rpm
- High torque brushless DC motor
- Digital speed and time indication
- Count-down timer with audible alarm
- Non-slip tray with flask clips 50ml to 2000ml

Smooth Brushless Speed Control

A high torque brushless DC drive motor is the heart of the system. Fitted with a high resolution encoder, the motor speed is precisely controlled, monitored, and displayed on the digital control panel. When the speed setting is changed, it is smoothly ramped to the new setpoint to ensure that neither shaker nor product is damaged by sudden and violent changes.



Power Failure Memory

A key feature of the **Steridium** micro-digital control system is the ability to recall the last speed setting in memory. In the event of a power failure, the controller will slowly ramp the shaker to this setting on start-up, ensuring uninterrupted operation without the need for any action on the operator's part. Where a timed process is required, the shaking time can be digitally set on the front control panel. At the end of the set time, the shaker will slowly come to a stop and sound an audible alarm.

orbital shakers

Universal Tray System

A wide variety of items can be processed on the different trays that can be fitted to the shaker platform. Erlenmeyer flasks from 50ml to 2000ml can be accommodated on the flask tray, while the universal tray system permits objects of various shapes and sizes to be securely clamped in position.

Shaker Type	Orbital
Tray Dimensions	400 x 360
Bench Dimensions	430 x 395 x 151 (WxDxH)
Orbit	32mm
Speed (rev/min)	20-200
Digital Speed Indication	Standard
Digital Time Readout	Standard
Countdown Timer	Standard
Slow Speed Start Up	Standard
Flask Clip Tray	Optional
Universal Tray	Optional
Flask Clips (ml)	50, 100, 250, 500, 1000, 2000
Electrical	220-240V 50-60Hz single phase

