



SH/15220

Shaker, orbital, lab scale, SSL1



- Orbital shaking action – ideal for aeration applications
- Digital speed selection to 300rpm with soft start
- Built-in digital timer
- Reliable quiet drive mechanism
- Fully adjustable cradle system

This lab scale platform shaker has a powerful yet quiet shaking mechanism that has been designed for problem free continuous use.

Model SSL1 provides a smooth orbital shaking action with an orbit of 16mm and speed range of 30 to 300rpm, ideal for most culturing / aeration applications. It can be used in environmental chambers and CO2 incubators.

The cradle type platform has six rubber cushioned horizontal securing bars with quick release handles. They can be easily adjusted both vertically and horizontally to hold most sizes and types of vessel. For example, they will accommodate the following Erlenmeyer flasks or bottles:

12 x 250ml or 8 x 500ml or 6 x 1000ml or 2 x 2000ml.

Speed is fully variable and is set digitally for consistency. The speed is microprocessor controlled and accurately maintained even over long runs. A digital built-in timer allows shaking times from 1 to 999 minutes to be set. After the timer has counted down, the shaker stops and sounds an alert. Alternatively the unit can be set for continuous operation. A larger platform is available as an optional accessory (catalogue number SSL1/1).

Designed to increase the capacity of the SSL1, the platform is 510 x 510mm with six securing bars. It will accommodate the following Erlenmeyer flasks or bottles: 30 x 250ml or 16 x 500ml or 9 x 1000ml or 4 x 2000ml.

When this platform is fitted, the maximum permissible speed is 150rpm.

Technical Specification	
SSL1	
Shaking action	Orbital
Platform dimensions (w x l)	335 x 335mm
Speed range	30 to 300rpm
Orbit / amplitude 1	6mm
Maximum load	10kg
Overall dimensions (w x d x h)	360 x 420 x 270mm
Operational temperature range	+4 to +40°C
Maximum permissible humidity	80%
Net weight	11kg
Electrical supply	230V, 50Hz, 50W

Cat. No.	Model	Description
SH/15220	SSL1	Shaker, orbital, lab scale
SH/15222	SSL1/1	Accessory platform 510 x 510mm with six rubber cushioned horizontal bars