

Shaker, orbital, mini SSM1



The compact SSM1 provides a smooth uniform circular motion with an orbit of 16mm. It is supplied with a non-slip mat that can hold up to four multi-well plates or diagnostic cards.

The shaking action is ideal for samples of 0.5 to 5ml held in multi well plates, dishes and Petri dishes. The shaker can be used in incubators and environmental chambers (up to 40°C and 80% humidity).

Alternatively, an accessory cradle system is available that can accommodate a variety of vessels including flasks, bottles or beakers via four rubber securing bars. It turns the SSM1 into a very effective mini platform shaker. It will hold up to: 4 x 250ml or 2 x 500ml or 1 x 1000ml Erlenmeyer flasks or bottles. These larger vessels are held between the rubber bars.

The flexible cradle system has the benefit that different combinations of vessels can be used offering maximum versatility.

Speed is variable from 30 to 300 rpm. Once set on the digital display, the shaking speed is effectively maintained even over long periods of time. Shaking times can be set to run for 1 to 999 minutes on the built-in digital timer, or the unit can be set for continuous operation.

- Smooth orbital shaking action
- Orbit of 16mm is ideal for larger samples, for example multi-well plates
- Built-in digital timer
- Variable speed control to 300rpm
- Supplied with non-slip mat for multi-well plates etc.
- Optional accessory cradle system for flasks and bottles

Technical Specifications

Platform dimensions (WxL)	220 x 220mm
Speed range	30 to 300rpm
Orbit diameter	16mm
Maximum load	3kg
Operational temperature range	+4 to +40°C
Maximum permissible humidity	80%
Overall dimensions (WxDxH)	240 x 300 x 140mm
Net weight	5kg
Electrical supply	230V, 50Hz, 50W

Cat. No.	Code	Description
SH/15108	SSM1	Shaker, orbital, mini
SH/15110	SSM1/1	Accessory cradle with 4 securing bars
SH/15112	SSM1/2	Large platform (holds up 8 plates)
SH/15114	SSM1/3	Clear Acrylic lid



SH/1510

Shaker, orbital, lab scale, SSL1



This lab scale platform shaker has a powerful yet quiet shaking mechanism that has been designed for problem free continuous use. It is ideal for most culturing/aeration applications. It can be used in environmental chambers and CO2 incubators with a maximum humidity of 80%.

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.

A large capacity cradle type platform is available, it 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.

A larger platform is available as an optional accessory (model SSL1/1), which is 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 Specifications

Platform dimensions	335 x 335mm
Speed range	30 - 300rpm
Orbit/amplitude	16mm
Maximum load	10kg
Overall dimensions (WxDxH)	360 x 42 x 270mm
Operational temperature range	+4 to +40°C
Maximum permissible humidity	80%
Net weight	11kg
Electrical supply	230V, 50Hz

Cat. No.	Code	Description
SH/15220	SSL1	Shaker, Orbital, lab scale
SH/15222	SL1/1	Large capacity accessory platform 510 x 510mm with six rubber cushioned horizontal bars



SH/15220