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S308-240



## Shaker, Microtitre, Mini, SSM5

For use with microtitre plates and microcentrifuge tubes. The aluminium tray is fitted with a specially designed mat that securely holds in place up to four wellplates. High speed combined with a tiny orbit creates the vibrational shaking action required for mixing the very small volumes contained in the wells or in microcentrifuge tubes. Samples requiring mixing under controlled temperature/humidity conditions, the footprint is ideal for placement inside an incubator including a CO<sub>2</sub> incubator. With BioCote® antimicrobial protection

Tube holders are available as optional accessories. They fit securely onto the platform turning the unit into an effective microtube mixer.

- High speed vibrational mixing action- ideal for microtitre plates
- Digital selection of mixing speed
- Built-in digital timer or continuous operation
- Optional tube holders available for mixing microcentrifuge tubes

Catalogue No	S308-240
Platform dimensions (w x l), mm	220 x 220
Speed range, rpm	250 to 1200
Orbit diameter, mm	1.5
Maximum load, Kg	1
Operational temperature range, °C	+4 to +40
Maximum permissible humidity, %	80
Overall dimensions (w x d x h), mm	240 x 300 x 160
Net weight, Kg	5
Electrical supply	230V, 50Hz, 50W

## Accessories

Catalogue No	Description
S308-246	Tube holder for 1.5 ml tubes
S308-248	Tube holder for 0.5 ml tubes

S308-310



## Shaker, Orbital, Mini, SSM1

The SSM1's 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). An accessory cradle system is available that can accommodate a variety of vessels including flask, bottles or beakers via four rubber securing bars. It will hold up to 4 x 250ml or 1 x 1000ml Erlenmeyer flasks or bottles. These larger vessels are held between rubber bars and can be used for different combinations of vessels. The speed is variable and once set on the digital display can be maintained over long periods of time. The built-in digital timer can be set to run for 1 to 999 minutes or continuous operation.

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

## Accessories

Catalogue No	Description
S308-314	Accessory cradle with 4 polyurethane outer securing bars
S308-316	Large platform, holds up to 8 plates
S308-318	Clear acrylic lid

Catalogue No	S308-310
Platform dimensions (w x l), mm	220 x 220
Speed range, rpm	30 to 300
Orbit diameter, mm	16
Maximum load, Kg	3
Operational temperature range, °C	+4 to +40
Maximum permissible humidity, %	80
Overall dimensions (w x d x h), mm	240 x 300 x 140
Net weight, Kg	5
Electrical supply	230V, 50Hz, 50W

## Shaker, Orbital, Lab Scale, SSL1

stuart

The SSL1 has an orbit of 16mm, a variable speed range of 30 - 300 rpm and the built-in digital timer to allow shaking times from 1 to 999 minutes or continuous operation. After the timer has counted down, the shaker stops and sounds an alert. It can be used in environmental chambers and CO<sub>2</sub> incubators. The cradle type platform has six rubber cushioned horizontal securing bars with quick release handles that can be adjusted both vertically and horizontally to hold most sizes and types of vessels e.g Erlenmeyer flasks and bottles - 12 x 250ml or 8 x 500ml or 6 x 1000ml or 2 x 2000ml.

The larger platform is available as an optional accessory (S308-356) and is designed to increase the capacity of the SSL1. The platform has six securing bars and will accommodate Erlenmeyer flasks or bottles - 30 x 250ml or 16 x 500ml or 9 x 1000ml or 4 x 2000ml.

Note: When SSL1/1 platform is fitted, the maximum permissible speed is 150 rpm.

- Orbital shaking action - ideal for aeration application
- Digital speed selection to 300rpm with soft start
- Built-in digital timer
- Reliable quiet drive mechanism
- Fully adjustable cradle system
- With BioCote® antimicrobial protection

Catalogue No	<b>S308-352</b>
Shaking action	Orbital
Platform dimensions (w x l), mm	355 x 355
Speed range, rpm	30 to 300
Orbit/amplitude, mm	16
Maximum load, Kg	10
Overall dimensions (w x d x h), mm	360 x 420 x 270
Operational temperature range, °C	+4 to +40
Maximum permissible humidity, %	80
Net weight, Kg	11
Electrical supply	230V, 50Hz, 50W

## Accessories

Catalogue No	Accessory
<b>S308-356</b>	Accessory platform 510 x 510mm

## Shaker, Reciprocating, Lab Scale, SSL2

stuart

Model SSL2 has construction and control identical to SSL1 as above, but with reciprocating shaking action with an amplitude of 20mm and speed range of 25 to 250 strokes/minute. It produces a rigorous side-to-side mixing action ideal for extractions etc. With BioCote® antimicrobial protection.

Catalogue No	<b>S308-374</b>
Shaking action	Reciprocating
Platform dimensions (w x l), mm	335 x 335
Speed range, rpm	25 to 250
Orbit / amplitude, mm	20
Maximum load, Kg	10
Operational temperature range, °C	+4 to +40
Maximum permissible humidity, %	80
Overall dimensions (w x d x h), mm	360 x 420 x 270
Net weight, Kg	11
Electrical supply	230V, 50Hz, 50W

S308-352



S308-374



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