Key Features

- 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 300rpm
- Supplied with non-slip mat for multi-well plates etc.
- Optional accessory cradle system for flasks and bottles

SSM1

SSM1 with SSM1/1

SSM1

Shaker, orbital

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 allows for different combinations of vessels 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 from 1 second to 9 hours on the versatile timer, or the unit can be set for continuous operation.

Technical Specification

	SSM1
Platform dimensions, mm, (w x l)	220 x 220
Speed range	30 to 300rpm
Orbit diameter, mm	16
Maximum load, kg	3
Operational temperature range	+4 to +40°C
Maximum permissible humidity	80%
Dimensions, mm (w x d x h)	240 x 300 x 140
Net weight, kg	5
Electrical supply	230V, 50Hz, 50W
IP Rating	31

Ordering Information

Model	Description
SSM1	Shaker, orbital, mini
SSM1/1	Accessory cradle with 4 securing bars
SSM1/2	Large platform (holds up 8 plates) 345 x 259mm
SSM1/3	Clear Acrylic® lid

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