



Mixers

Vortex Mixers

Vortex mixers have an electric motor with the drive shaft oriented vertically and attached to a cupped rubber piece mounted slightly off-centre. As the motor runs the rubber piece oscillates rapidly in a circular motion. When a test tube or other appropriate container is pressed into the rubber cup (or touched to its edge) the motion is transmitted to the liquid inside and a vortex is created. Most vortex mixers have variable speed settings and can be set to run continuously, or to run only when downward pressure is applied to the rubber piece. It is an ideal mixing action for re-suspending pellets, vortexing cell suspensions or drug extractions, mixing tissue samples, enzymatic and RIA assays.

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 - Accessory pack
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Vortex Mixers

Mixer, vortex, variable speed, SA8

- Variable speed control between 200 and 2500rpm
- Intermittent or continuous mode
- Stable low profile body
- Robust die-cast construction

Mixing speed can be selected from 200rpm for very gentle mixing to 2500rpm for vigorous agitation. Choose between 'touch' mode or continuous operation simply by pressing a button on the fascia.

Robust die-cast body avoids unnecessary movement during use. The ergonomic low profile design makes everyday vortexing comfortable for the user.

Integral retort rod fixing allows vessels to be secured above the vortex action for long-term mixing.

The SA8 can mix a variety of other vessels when used in conjunction with the SA8/1 accessory pack detailed below.

Technical Specification

	SA8
Speed	200 to 2500rpm
Orbit diameter, mm	4.2
Touch mode	Yes
Continuous mode	Yes
Dimensions, mm (w x d x h)	135 x 215 x 78
Net weight, kg	3.2
Electrical supply	90 – 240V, 50 / 60Hz, 20W
IP Rating	31

Ordering Information

Model	Description
SA8	Vortex mixer, variable speed

Accessory pack

For use with SA8 above, pack contains:

- 1 x plastic cradle for standard microtitre plate
- 1 x circular foam insert for beakers and flasks (up to 500ml capacity)
- 1 x rectangular foam insert (holds 8 x 0.2ml, 8 x 0.5ml and 16 x 1.5ml microcentrifuge tubes)
- 1 x solid rectangular foam insert (blank for custom holes)

Ordering Information

Model	Description
SA8/1	Accessory pack (for use with SA8 only)



SA8



SA8 with cradle



SA7



Mixer, vortex, fixed speed, SA7

- Fixed speed 2500rpm
- Robust die-cast construction
- Automatic press start

For rapid mixing of samples contained in test-tubes, small flasks and bottles. Starts automatically when the rubber cup is depressed and stops once vessel is removed.

Heavy die-cast body for stability during use.

Technical Specification

	SA7
Speed	Fixed 2500rpm
Orbit diameter, mm	4.2
Dimensions, mm (w x d x h)	135 x 215 x 78
Net weight, kg	3.2
Electrical supply	90 – 240V, 50 / 60Hz, 20W
IP Rating	31

Ordering Information

Model	Description
SA7	Vortex mixer, fixed speed

Vortex Mixers

Mixer, vortex, mini, SA3

- Compact size
- Push switch operation
- Low budget price

A simple fixed speed vortex mixer. Features polypropylene cup and suited for use with tubes up to 16mm diameter. Push and hold switch operation.

The mini-vortex mixer is very economically priced - perfect for the budget conscious laboratory.

Technical Specification

Model	Description
Speed	Fixed 2500rpm
Dimensions, mm (w x d x h)	80 x 140 x 80
Net weight, kg	1.3
Electrical Supply	230V, 50Hz, 50W

Ordering Information

Model	Description
SA3	Vortex mixer, mini



SA3