

# Mixers

## High Speed Vortex Mixers

For the rapid mixing of liquids in test tubes, small flasks, etc.

### Mini-Vortex, SA6

For tubes up to 30mm diameter. Adjustable speed range from 2500 to 4500rpm with 4.5mm orbit. Mixing starts when the flexible cup is depressed. Overall 100 x 100 x 67mm W x D x H. Weight 0.55kg. For 100-240V 50/60Hz single phase supplies. 15W.

**MS495-20** Variable speed SA6

### Vortex Mixer, uniTEXER 1

For tubes up to 30mm diameter. Variable speed up to 4500rpm, with 4.5mm orbit. "Touch start" commences mixing when pressure is applied to the top cup. Overall 100 x 100 x 70mm W x D x H. For 100-240V 50/60Hz single phase supplies.

**MS497-15** Variable speed uniTEXER 1

### Vortex Mixer, Vortex Genie 2

For tubes up to 25ml (and flasks using the 75mm diameter attachment supplied). Die-cast metal, stable housing with noise reducing feet. Adjustable speed range 600 to 2700rpm and switchable continuous or touch operation modes where mixing commences when pressure is applied to the top cup. Overall 122 x 165 x 165mm W x D x H. Weight 4kg. For 220V 50Hz single phase supplies.

**MS500-20** Vortex Genie 2

### Vortex Mixer, PV-1

For gentle to vigorous mixing of 0.5ml, 1.5ml or 15ml tubes. Variable speed from 250 to 3000rpm, with 2mm orbit and switchable continuous or touch operation modes where mixing starts when pressure is applied to the top cup. A 12V d.c. power supply allows use in a cold room or incubator. Overall 82 x 145 x 75 mm W x D x H. For 220-240V 50/60Hz single phase supplies.

**MS510-10** Variable speed PV-1

### Vortex Mixer, V-32

Generally as MS510-10 but fitted with a foam carrier disc drilled with apertures for 16 x 1.5ml, 8 x 0.5ml and 9 x 0.2ml tubes in addition to a cup for single tubes up to 15ml. Variable speed from 500 to 3000rpm, with 2mm orbit and switchable continuous or touch operation modes. With 12V d.c. power supply. Overall 120 x 180 x 100mm W x D x H. For 220-240V 50/60Hz single phase supplies.

**MS510-40** Variable speed V-32

### Vortex Mixer, MPS-1

For high-speed shaking and vortex mixing of 0.2ml to 50ml tubes and microplates. Adjustable speed range 300 to 3000 in 100rpm increments with 3mm orbit and selectable presets including Pulse. With digital setting and display, 0 to 60 minute timer or continuous operation, vortexing platform for single vessels (up to 50ml), skirted PCR, microtitre plates or accessory tube inserts. Overall 234 x 220 x 150mm W x D x H. Weight 4.7kg. For 220-240V 50Hz single phase supplies.

**MS514-15** MPS-1

**MS514-60** P-2-24, insert for 24 x 1.5/2ml tubes

**MS514-65** P-05-32, insert for 32 x 0.5ml tubes

**MS514-70** P-02-05, insert for 24 x 0.5ml, 48 x 0.2ml or 8 x 8 x 0.2ml tube strips

**MS514-75** P-02-96, insert for 96 x 0.2ml tubes, 12 x 8 x 8 x 0.2ml tube strips or 1 x semi- or unskirted PCR plate

### Vortex Mixer, REAX Top

A heavy duty, quiet running mixer with die-cast housing giving a stable base. Adjustable speed range 0 to 2500rpm with 5mm orbit. Continuous or intermittent operation. The top cup can accommodate test tubes up to 20mm diameter. Overall 105 x 134 x 172mm W x D x H. Weight 3.3kg. For 230V 50Hz single phase supplies.

**MS525-20** Variable speed REAX Top

### Vortex Mixer, MultiREAX

Large capacity mixer with electronic feedback control and digital setting with LED display. Adjustable speed range 150 to 2000rpm with 3mm orbit, 0 to 999 minute timer with audible alarm at end of timed period or continuous operation. Supplied with two tube carousels to hold 26 tubes x 10 to 16mm diameter up to 160mm long and 12 tubes x 16 to 32mm diameter up to 120mm long, respectively (only one carousel can be mounted at a time). Overall 270 x 410 x 172mm W x D x H, weight 3.3kg. For 230V 50Hz single phase supplies.

**MS525-45** MultiREAX

### Vortex Mixer, SA7

For rapid mixing of liquids in small vessels. With fixed speed rotation of 2500rpm, low-profile, robust, die-cast body and integral retort rod fixing. Mixing starts when the flexible cup is depressed. Overall 135 x 215 x 78mm W x D x H. Weight 3.2kg. For 90-240V 50/60Hz single phase supplies.

**MS530-60** Fixed speed SA7

### Vortex Mixer, SA8

Generally as MS530-60 but with variable speed from 250 to 2500rpm, touch start or continuous operation modes and flexible cup head which also accommodates interchangeable accessory attachments comprising 1 x microplate holder, a foam insert for use with beakers or flasks up to 500ml, drilled foam block for 8 x 0.2ml, 8 x 0.5ml and 16 x 1.5ml microcentrifuge tubes and a plain foam block for the user to drill. Overall 135 x 215 x 78mm W x D x H. Weight 3.2kg. For 90-240V 50/60Hz single phase supplies.

**MS530-65** Variable speed SA8

### Accessory attachments for MS530-65 only

Comprises microplate cradle, foam insert for vessels up to 500ml, microtube insert for 8 x 0.2ml, 8 x 0.5ml, 16 x 1.5ml tubes and solid foam insert for the user to drill.

**MS532-20** Attachments, SA8/1

Centrifuge-vortexers – see CD125.



**MS495-20**



**MS500-20**



**MS514-15 in use with MS514-65**



**MS525-45 in use**



**MS497-15**



**MS510-10, MS510-40 is similar**



**MS525-20**



**MS530-65, MS530-60 is similar**