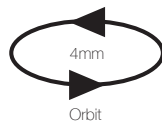


# MSV-3500 multi speed vortex

Digital multi speed vortex mixer designed for soft or intensive mixing of reagents in different size and type plastic tubes up to 50 ml.

- Adjustable speed control: 300 to 3500rpm
- Set and actual values of time and speed displayed
- Acceleration time to max speed: 3 sec
- Four interchangeable platforms available for a variety of tube sizes



**Easy to change platforms** - simply unscrew.

**Reliable and extremely quiet motor** produces regulated and reproducible agitation throughout the speed range.

**Rubber suction pads** hold tight to the work surface and prevent the unit from 'walking' - they also absorb vibration and prevent its transmission to the workbench.

**Four interchangeable platforms available :**

**SV-4/30** for 4 x 50ml (30mm) tubes

**SV-10/10** for 10 x 10 ml (12mm) tubes

**SV-16/8** with 16/8/8 sockets for 1.5/0.5/0.2 ml micro tubes


**SV-8/15** for 8 x 15 ml (16mm) tubes

**LCD 2 line display** of actual and set values of time and speed.

**Low voltage cord** easily fits through incubator door gaskets. Safe and economical running.

## Applications

- Designed for operation in lifescience laboratories working in the fields of biochemistry, cello and molecular biology
- Intensive stirring of bacterial and yeast cells, extraction of metabolites and enzymes from cells and cell cultures, and various DNA operations such as deproteinisation of DNA/protein complexes and purification of low molecular weight DNA/RNA fragments in PCR diagnostics.

Vortex mixers - Technical specifications			Personal vortex mixer	Multi vortex mixer	Multi speed vortex mixer
			PV-1	V-32	MSV-3500
					
Dimensions	h x d x w	mm	80 x 150 x 90	100 x 180 x 120	145 x 170 x 180
Ambient temperature range		°C	+ 4 to 40		
Orbit ø		mm	4	2	4
Speed (max speed depends on load)		rpm	750 to 3000	500 to 3000	300 to 3500
Timer			-	-	0-60 min / non-stop (increment 1 min)
Capacity	ml tube		0.2 up to 50	16 x 1.5, 8 x 0.5 and 8 x 0.2	0.2 up to 50
Maximum tube diameter		mm	28.5*	15	30
External power supply	Input AC 120-230V, 50/60Hz Output DC 12V				
Power consumption		W	3.8 (0.32A)		12 (1A)
Input voltage		V dc	12		
Weight		kg	0.8	1.5	2.6

Options and Accessories			PV-1	V-32	MSV-3500
• = standard					
PV6-10		6-socket platform for 10ml tubes (maximum tube diameter 15mm)	-	•	-
PV-32		Replacement platform (16 x 1.5ml, 8 x 0.5ml and 8 x 0.2ml)	-	•	-
PV-48		Platform for 6-8 x 0.2ml strips or 48 tubes of 0.2ml	-	•	-
MSV-3500 4P		MSV-3500 with 4 additional accessory platforms shown below:	-	-	•
SV-4/30		Platform for 4 x 50ml (30mm) tubes	-	-	•
SV-10/10		Platform for 10 x 10 ml (12mm) tubes	-	-	•
SV-16/8		Platform with 16/8/8 sockets for 1.5/0.5/0.2 ml microtest tubes	-	-	•
SV-8/15		Platform for 8 x 15 ml (16mm) tubes	-	-	•

\* the PV-1 takes conical tubes up to 50ml



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.