

# MSV-3500, Multi Speed Vortex

## DESCRIPTION

Multi Speed Vortex **MSV-3500** is designed for soft or intensive mixing of reagents in different size and type plastic tubes (0.2 to 50 ml).

It is designed for operation in life science laboratories working in the fields of biochemistry, cell and molecular biology.

Unit has four types of interchangeable platforms: for Eppendorf type microtest tubes, 10/15/50 ml tubes (diameter 12/16/30 mm). Platforms can be ordered separately or as one set with **MSV-3500**.

Speed and time are under microprocessor control. LCD display indicates two lines of values: the set and actual values of speed and time.

Unit provides high maximum speed of platform rotation efficiently mixing microvolumes (less than 5 µl) of samples.



## SPECIFICATIONS

Eccentric mixing principle	+
Speed control range	300–3500* rpm * Maximum speed depends on load
Acceleration time	15 s (max)
Digital time setting	0–60 min / non-stop
Timer sound signal	+
Display	LCD, 2 x 16 signs
Maximum continuous operation time	8 h
Maximum load	0.2 kg
Orbit	4 mm
Overall dimensions (W×D×H)	180x170x145 mm
Weight	2.6 kg
Input current/power consumption	12 V, 1 A / 12 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

## CAT. NUMBER

With all 4 platforms included	Without platform
BS-010210-TAH	230VAC 50/60Hz Euro plug
BS-010210-TAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010210-AAH	230VAC 50/60Hz Euro plug
BS-010210-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010210-IK	IQ OQ document
BS-010210-JK	PQ document



**SV-16/8**  
BS-010210-CK  
platform

16/8/8 sockets for 1.5/0.5/0.2 ml microtest tubes (Ø 11/8/6 mm).



**SV-10/10**  
BS-010210-BK  
platform

10 sockets for 10 ml (Ø 12 mm) tubes.



**SV-8/15**  
BS-010210-DK  
platform

8 sockets for 15 ml (Ø 16 mm) tubes



**SV-4/30**  
BS-010210-AK  
platform

4 sockets for 50 ml (Ø 30 mm) tubes