

# 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

|                                   |   |
|-----------------------------------|---|
| Speed control range               | 300–3,500* rpm<br>* Maximum speed depends on load |
| Digital time setting              | 0–60 min / non-stop                               |
| Timer sound signal                | +   |
| Maximum continuous operation time | 8 hrs   |
| Display                           | LCD, 2 x 16 signs                                 |
| 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

|                                      |   |
|--------------------------------------|---|
| <b>With all 4 platforms included</b> | With all 4 platforms included   |
| BS-010210-TAH                        | 230VAC 50/60Hz Euro plug  |
| BS-010210-TAK                        | 230VAC 50/60Hz UK plug, 230VAC 50/60Hz AU plug, 100VAC 50/60Hz US plug, 120VAC 60Hz US plug |
| <b>Without platform</b>              | Without platform  |
| BS-010210-AAH                        | 230VAC 50/60Hz Euro plug  |
| BS-010210-AAK                        | 230VAC 50/60Hz UK plug, 230VAC 50/60Hz AU plug, 120VAC 60Hz US plug                         |
| 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