PHOENIX Instrument
Lab Solutions

New Digital Vortexer RS-VA 20 and RS-VA 30

We are proud to introduce our new digital infrared Vortexer RS-VA30, an outstanding combination of reliability and innovational strength for a wide range of applications in all types of laboratories.

The advanced design concepts results in a stylish and elegant appearance of the Vortexer. The digital interface provides real-time speed and time display, allowing users to easily set and monitor mixing parameters. Its stable operation ensures uniform sample mixing, making it ideal for a variety of application.



RS-VA 20

- Adjustable speed ranges from gentle to vigorous mixing to suit various needs
- LCD-screen displays real-time speed and time for easy adjustment and monitoring
- Stable with pressure-mounted accessories to prevent slippage and splashing
- Brushless DC motor for high stability and maintenance-free operation
- Sturdy base ensures stability during operation for safety

2 years warranty

RS-VA 30

- Compatible for a wide range of adapter for tubes and microplates
- Stable operation and sturdy construction
- Real time LCD display, Timer function
- Hands-free operation by IR-supported activation of the device
- Brushless motor, adjustable, wide speed range up to 3,000 rpm



Technical Data	RS-VA 20	RS-VA 30
Shaking Movement	orbital	
Amplitude	4 mm	4.5 mm
Speed	100 - 3,000 rpm	
Speed/Time adjustment	knob	
Display	LCD	
Operating Mode	IR, continous	Touch, continous
Time range	1 s - 99 min 59 s	
Dimension (LxWxH)	150 x 140 x 140 mm	205 x 165 x 90 mm
Protection class	IP 21	
Weight	2.5 kg	3.9 kg
Power Supply	100 - 240 V • 50/60 Hz	

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Accessories Vortexer RS-VA 20 and RS-VA 30

RSV-E 70 Universal attachment for tubes and vessels up to 30 mm Ø, for RS-VA30
RSV-E 71 Universal attachment for tubes and vessels up to 30 mm Ø, for RS-VA20
RSV-E 72 Universal attachment for tubes and vessels (Standard)


RSV-E 70


RSV-E 71


RSV-E 72

RSV-E 74 Tube-Adapter horizontal, 4 x 0,5 - 15 ml
RSV-E 75 Attachment for Erlenmeyer flasks 100 - 250 ml, max. 1500rpm
RSV-E 76 Base plate for attachments RSV-E 77 - RSV-E 81


RSV-E 74


RSV-E 75


RSV-E 76

RSV-E 77 25 Tubes Ø 4,5 mm (0,1 - 0,5 ml), to be used with RSV-E 76
RSV-E 78 21 Tubes Ø 8 mm (1,5 - 2 ml), to be used with RSV-E 76
RSV-E 79 16 Tubes Ø 10 mm (2 - 5 ml), not applicable for 5 ml conical tubes, to be used with RSV-E 76
RSV-E 80 8 Tubes Ø 14 mm (10 - 15 ml), also applicable for 5 ml conical tubes, to be used with RSV-E 76
RSV-E 81 4 Tubes Ø 25,5 mm (50 ml), to be used with RSV-E 76
RSV-E 82 19 Tube Ø 9 mm (2 ml Cryovials), to be used with RSV-E 76


RSV-E 77


RSV-E 78


RSV-E 79


RSV-E 80


RSV-E 81


RSV-E 82

RSV-E 83 8 Vials Ø 17 mm (5 ml Vails), to be used with RSV-E 76
RSV-E 84 6 Vials Ø 20,5 mm (10 ml Vails), to be used with RSV-E 76
RSV-E 85 4 Vials Ø 26,5 mm (20 ml Vails), to be used with RSV-E 76
RSV-E 86 4 Vials Ø 26,5 mm (30 ml Vails), to be used with RSV-E 76V


RSV-E 83


RSV-E 84


RSV-E 85


RSV-E 86

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Accessories Vortexer RS-VA 20 and RS-VA 30

RSV-E 89 Microtiter plate insert, compatible with full-skirt PCR plates, cell culture plates, deep-well plates, etc.



RSV-E 89



RSV-E 89

RSV-E 91 Horizontal mounting plate, rectangular with mounting clamps, 24 x 1.5 ml
RSV-E 92 Horizontal mounting plate, rectangular with mounting clamps, 8 x 15 ml
RSV-E 93 Horizontal mounting plate, rectangular with mounting clamps, 4 x 50 ml



RSV-E 91



RSV-E 92



RSV-E 93

RSV-E 94 Horizontal mounting plate, round, with mounting clamps, 24 x 1.5 ml
RSV-E 95 Horizontal mounting plate, round, with mounting clamps, 12 x 15 ml
RSV-E 96 Horizontal mounting plate, round, with mounting clamps, 6 x 50 ml



RSV-E 94



RSV-E 95



RSV-E 96

RSV-E 97 1,5 ml vertical Rack, 24 × 1.5 ml, incl. 24 holding clamps
RSV-E 98 15 ml vertical Rack, 12 × 15 ml, incl. 24 holding clamps
RSV-E 99 50 ml vertical Rack, 12 × 50 ml, incl. 24 holding clamps



RSV-E 97



RSV-E 98



RSV-E 99

RSV-E 100 24 x 1,5 ml holding clamps for RSV-E 91, RSV-E 94 and RSV-E 97
RSV-E 101 24 x 15 ml holding clamps for RSV-E 92, RSV-E95 and RSV-E 98
RSV-E 102 24 x 50 ml holding clamps for RSV-E 93, RSV-E 96 and RSV-E 99