

vortex mixer

This variable speed Vortex Mixer combines fast, efficient mixing with minimal vibration. Unlike other vortex mixers using elliptical orbits, its true circular orbit facilitates uniform sample-vortexing even at low speed.

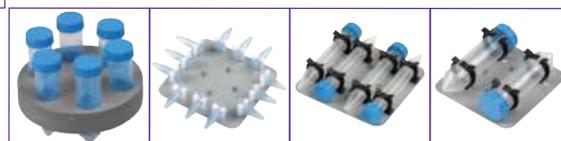
The Vortex head accepts many different tube sizes, while optional heads for microplates, microtubes, PCR strip tubes, 15ml and 50ml tubes and blood vials are available. The unit may be used in 'touch' or continuous mode: 'touch' mode being activated by simply depressing the sample head and then stopped by releasing the pressure. An optimised counter balance system minimises vibration and movement of the unit during operation, whereas its lightweight construction and small footprint allows it to be readily transported and used in areas where space is restricted.



S0200-21

S0200-22

S0200-23



S0200-24

S0200-25

S0200-26

S0200-27



KEY FEATURES

- Powerful, reliable motor with optimised counter balance
- Circular orbit for effective vortexing at any speed
- CombiCup head accepts a variety of tube sizes
- Versatile head attachment accessories for microplates and different tube sizes

TECHNICAL SPECIFICATIONS

Speed Range	115V	0 - 3400rpm
	230V	0 - 2850rpm
Operating Modes	touch or continuous	
Ambient Operating Range	4 - 65°C	
Dimensions (WxDxH)	14cm x 16cm x 13cm	
Weight	2.2Kg	
Electrical	115V or 230V, 50/60Hz	

mini vortexer

The Mini Vortexer's small footprint with maximum power offers immediate vortex shaking for a variety of tube sizes. A simple, touch start operation enables exceptional mixing performance using one hand.

Its low profile design and small footprint (only 108mm wide) saves valuable space on a bench top and in fume hoods. Non-slip feet ensures the unit stays in place while mixing. Mini Vortexer can be used with tubes ranging from 2 ml to 50 ml.



KEY FEATURES

- Stable platform
- Quiet operation and low vibration
- One handed touch start operation and shaking stops when the tube is lifted
- Low activation force reduces user fatigue
- Maintenance free design
- ABS and silicone materials to resist most commonly used chemicals

TECHNICAL SPECIFICATIONS

Speed:	4,500 rpm
Orbit:	6 mm
Capacity:	Up to 50 ml tube
Noise level:	Full speed, unloaded: 53 dB
Weight:	0.9 kg
Unit Power:	Input: 12 VDC, approx. 7.8 W

ORDERING INFORMATION

CSLVORTEX*	Vortex Mixer with general purpose head	S0200-23	for 8 x 15ml and 8 x 12/13mm diameter tubes
	Optional Head Attachments	S0200-24	for 6 x 50ml tubes
S0200-21	for 24 x 1.5/2.0ml tubes, 24 x 0.5ml tubes and 32 x 0.2ml tubes (or 4 tube strips)	S0200-25	for 12 x 1.5/2.0ml tubes, held horizontally
S0200-22	for 1 microplate or 64 x 0.2ml tubes or 8 x 0.2ml tube strips	S0200-26	for 4 x 15ml tubes, held horizontally
		S0200-27	for 2 x 50ml tubes, held horizontally

MINIVORTEX **Mini Vortex Mixer**, 100-240VAC, 50/60Hz Universal

* For 110V units, add \$ to order code

www.cleaverscientific.com

T_+44 (0)1788 565 300 E_info@cleaverscientific.com