

Quick Start Guide

MilliSentials™ Vortexer

Intended Use

The MilliSentials™ Vortexer provides powerful agitation to liquid samples within sealed containers. The compact and powerful design will accommodate tubes with volumes from 0.2 to 50 mL, vials with volumes from 2.0 to 10 mL and square bottles up to 150 mL.

Dynamic balance technology provides smooth speed control, quiet operation and minimal excess vibration.

Product Set-Up

Place the MilliSentials™ Vortexer on a clean, stable surface and connect the appropriate power cord to an electrical outlet.

Product Operation

The MilliSentials™ Vortexer works by pressing down on the rubber head to start operation. Releasing pressure will stop operation. To vortex a tube, hold the tube with its lower end in the rubber head. Press down to activate the mixing action. When finished, lift the tube upward.

Cleaning and Maintenance

- The MilliSentials™ Vortexer is an electrical instrument and care must be taken in its handling.
- Clean any spills immediately, by wiping with a soft cloth damp with water, diluted ethanol or diluted isopropanol.
- Do not immerse in water.
- Avoid the use of organic solvents as these may damage both the rubber head and ABS housing.
- Do not subject to temperatures outside its recommended operating range.

Specifications

Speed	Fixed, 3100 RPM +/- 10%
Orbit	4 mm (0.157 in.)
Dimensions (W x D x H)	9.4 cm x 9.9 cm x 6.6 cm (3.7 in. x 3.9 in. x 2.6 in.)
Weight	0.4 kg (1 lb)
Operating Temp	20 °C to 35 °C (68 °F to 95 °F)
Relative Humidity	20% to 85%
Power Supply	100-240 V ~ (50/60 Hz), 1 A

Symbols Chart

Symbol	Definition	Symbol	Definition
	Caution, Warning		Conformity Marking
	Catalogue Number		Serial Number
	Batch code		European Union directive on the management of Waste Electrical and Electronic Equipment (WEEE)
	Manufacturer		

⚠ Precautions

- Every user must read and understand these instructions and user guide before operation.
- Never use force on the instrument.
- Do not attempt to make any technical alterations. Do not dismantle the instrument.
- Always check the instrument for visible damage before use. If there is a sign of a potential malfunction, immediately stop use. Contact us at SigmaAldrich.com/techservice.
- Where applicable, the AC plug on is not removable and must be protected against moisture.
- DO NOT AUTOCLAVE INSTRUMENT.

Disposal

In accordance with European Union directive on the management of Waste Electrical and Electronic Equipment (WEEE) and in alignment with many other global environmental initiatives, this product MUST NOT BE DISPOSED OF IN UNSORTED MUNICIPAL WASTE at the end of its life. The system, whether in part or whole, must be taken to a collection and recycling center. For further information on how and where to recycle your product in the European Union, please visit SigmaAldrich.com/weee.

Product Ordering

Purchase online at SigmaAldrich.com/products.

Description	Cat. No.
MilliSentials™ Vortexer with cord for the US, Canada, and locations using NEMA-5-15P (YP12) plugs.	MISEVTXRU
MilliSentials™ Vortexer with interchangeable plug heads for locations using Type G (YP61) plugs i.e. UK, CEE 7/7 (YP22) plugs i.e. France, and Type I (YP03) plugs i.e. Australia	MISEVTXRI

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Contact Information

For the location of the office nearest you, go to SigmaAldrich.com/offices.

Technical Service

Only authorized service personnel may service the instrument. Unauthorized repair or service may void the warranty.

Visit the tech service page on our web site at SigmaAldrich.com/techservice.

Standard Warranty

The applicable warranty for the products listed in this publication may be found at SigmaAldrich.com/terms.

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