

MULTI-TUBE VORTEX MIXER XL

Vortex dozens of tubes at once at up to 3,000 rpm, with six foam racks for tubes from 0.31 to 1.26 in in diameter.



SIX TUBE RACKS

Foam racks take tubes from 0.31 to 1.26 in in diameter.

ADJUSTABLE TOP COVER

Lifts up to 11.8 in to fit tall tubes and containers.

FOUR MODES

Continuous, timed up to 99 h 59 min, inching and 10-second pulse.

BRUSHLESS DC MOTOR

Smooth, low-vibration mixing from 500 to 3,000 rpm, held to ± 10 rpm.

4MM AMPLITUDE

A 4mm horizontal motion mixes every tube thoroughly.

QUIET, STABLE PLATFORM

Designed to minimize vibration and noise on a shared bench.

± 10 RPM ACCURACY

Speed holds steady across the full range.

9.9 LB LOAD

Large racks of tubes and containers in one run.

LONG TIMER

Runs from 1 minute up to 99 h 59 min.

500–3,000 rpm

SPEED

4mm

AMPLITUDE

9.9 lb

MAXIMUM LOAD

6 included

TUBE RACKS

HIGH-THROUGHPUT VORTEXING, ONE RUN

The MTV-50 is built for labs that vortex many tubes at a time. A brushless DC motor drives a 4mm horizontal motion from 500 to 3,000 rpm with ± 10 rpm accuracy, and the stable platform keeps vibration and noise down.

An LCD shows speed and time, with two knobs for adjustment. Six included foam racks and a top cover that lifts to 11.8 in handle a wide range of tubes and containers.

ONE RUN INSTEAD OF MANY

Vortexing tubes one at a time is slow and hard to keep consistent. The MTV-50 mixes a full rack at once, so every tube gets the same speed and time.

FITS YOUR TUBE SIZES

Six foam racks handle tubes from 0.31 to 1.26 in in diameter, and the adjustable cover holds them firmly in place.

APPLICATIONS

Sample prep, cell culture, DNA/RNA extraction, protein mixing and diagnostics.

SPECIFICATIONS

Speed range	500–3,000 rpm, ± 10 rpm
Amplitude	4mm horizontal
Motor	Brushless DC
Modes	Continuous, timed, inching, pulse
Timer	1 min to 99 h 59 min
Maximum load	9.9 lb
Top cover lift	Up to 11.8 in
Power	70 W
Voltage	100–240V, 50/60Hz
Dimensions (L $\times$ W $\times$ H)	16.1 $\times$ 14.8 $\times$ 16.9 in
Weight	37.5 lb

ORDERING INFORMATION

Catalog no.	Description
MTV-50	Novara™ Multi-Tube Vortex Mixer XL

INCLUDED TUBE RACKS

Rack	Fits tube diameters
Rack 1	0.31–0.43 in (8–11 mm)
Rack 2	0.47–0.55 in (12–14 mm)
Rack 3	0.55–0.67 in (14–17 mm)
Rack 4	0.71–0.91 in (18–23 mm)
Rack 5	0.94–1.06 in (24–27 mm)
Rack 6	1.10–1.26 in (28–32 mm)