

RDV4600

Variable Speed Vortex Mixer

The compact vortex mixer that keeps up with your lab.

The RDV4600 is a variable speed vortex mixer built for the demands of daily laboratory use. A smooth-action speed dial gives precise control from gentle resuspension to vigorous vortexing across the full 0–3,000 RPM range, while two operating modes — touch-activated and continuous — make it equally effective for quick spot-mixing and longer unattended runs. Compatible with microtubes, standard test tubes, and multi-tube attachments, the RDV4600 handles the tube formats most commonly encountered in molecular biology, biochemistry, and general sample preparation workflows. Built on a robust platform with a compact benchtop footprint, it delivers the consistent, repeatable performance that busy laboratories depend on.



SPECIFICATIONS

Speed Range	0 – 3,000 RPM		
Speed Control	Variable dial	Voltage	AC 100 – 240 V
Operating Modes	Touch-activated / Continuous	Vessel Compatibility	Microtubes, test tubes
Power	60 W	Certification	CE

KEY FEATURES

Variable speed dial, 0–3,000 RPM — Precise mixing intensity adjustment for various applications

Touch-activated operating mode — Instant on-demand mixing with a single press for quick, controlled mixing tasks.

Continuous autorun mode — Hands-free, unattended operation for longer mixing runs without holding the tube.

Broad tube compatibility — Supports microtubes, test tubes, and multi-tube attachments for versatile laboratory workflows.

APPLICATIONS

Molecular Biology & Genomics

Precise low-speed resuspension for cell pellets, DNA/RNA preparations, and bead-based workflows where gentle, controlled mixing is critical.

Biochemistry & Protein Research

Touch-activated mode for quick reagent additions; continuous mode for timed incubation steps requiring consistent agitation throughout.

Clinical & Diagnostic Laboratories

Broad tube compatibility supports the microtubes and test tubes used across multiple assay types from a single benchtop instrument.

Teaching & Training Laboratories

Straightforward speed dial and dual-mode operation make the RDV4600 easy for students to learn and operate independently.