

RDV3100

Touch-Activated Single Head Vortex Mixer

Press down. Mix instantly. No settings, no fuss.

The RDV3100 is a compact, single-head vortex mixer built for fast, reliable sample mixing in everyday laboratory workflows. Operation is straightforward: press down on the tube to activate mixing instantly, release to stop — no switches, no settings to configure. At a fixed 3,000 r/min, the RDV3100 delivers consistent vortexing action for routine tasks including resuspension, cell lysis, and reagent preparation across molecular biology, clinical chemistry, and biochemistry applications. Compatible with standard microtubes and test tubes, it handles the tube formats most commonly found on the bench without any attachment changes. Its minimal footprint and touch-activated design make it an easy addition to any workstation — whether as a primary mixer in a smaller laboratory or as a dedicated second unit at a busy bench. Where variable speed control isn't required, the RDV3100 provides exactly what most routine mixing tasks need: reliable, repeatable vortexing at the press of a tube.

SPECIFICATIONS

Speed	3,000 r/min (fixed)
Operating Mode	Touch-activated
Head Type	Single
Power	5 W
Voltage	AC 100 – 240 V
Vessel Compatibility	Microtubes, test tubes
Certification	CE
Warranty	1 Year

KEY FEATURES

Touch-activated operation — Press down to mix, release to stop; no switches or speed settings required.
Fixed 3,000 r/min speed — Consistent, reliable vortexing for routine resuspension, cell lysis, and reagent mixing.
Single-head design — Simple, focused mixing for standard microtubes and test tubes with no attachment changes.
Compact benchtop footprint — Minimal bench space with no compromise on everyday mixing performance.
Universal AC 100–240V input — Globally compatible for use in any laboratory environment.
CE certified — Meets international safety and performance standards for laboratory instrumentation.
1-year warranty — Backed by manufacturer support for dependable long-term use.

APPLICATIONS

Molecular Biology Touch-activated vortexing for quick resuspension of cell pellets, brief mixing steps between reagent additions, and tube-by-tube processing during nucleic acid extraction protocols.	Clinical Chemistry & Biochemistry Consistent 3,000 r/min speed for reproducible reagent preparation and sample homogenization without adjusting settings between users or protocols.
High-Throughput Benches Compact footprint makes it an ideal dedicated second vortex, handling the steady stream of routine mixing tasks without interrupting primary instrument workflows.	Teaching Laboratories Press-to-mix operation requires no instruction — students can use it correctly from the first attempt, making it ideal for training environments.