

mini vortex mixer with optional 1.5 ml to 50 ml tube holder

Mini vortex mixer is an efficient and compact laboratory routine equipment, mainly used for rapid homogenization of micro-liquid, widely used in molecular biology, clinical testing, chemical analysis, drug development and other fields.

Mini Vortex Mixer

Main Features

1. Dual-mode operation: Point/touch start and continuous modes—choose the best for your workflow.
2. Compact structure: Small footprint, easily fits and moves in tight lab spaces.
3. Suction cup base: Non-slip feet keep the mixer stable even during high-speed mixing.
4. Adjustable speed: Stepless control from 0–3000 rpm—gentle to rapid mixing for different samples.
5. Multi-adapter support: Interchangeable tube modules fit 1.5 ml, 15 ml, 50 ml centrifuge tubes—broad compatibility.
6. Eccentric vibration design: Smooth operation, long life, high mixing efficiency.



Advantages

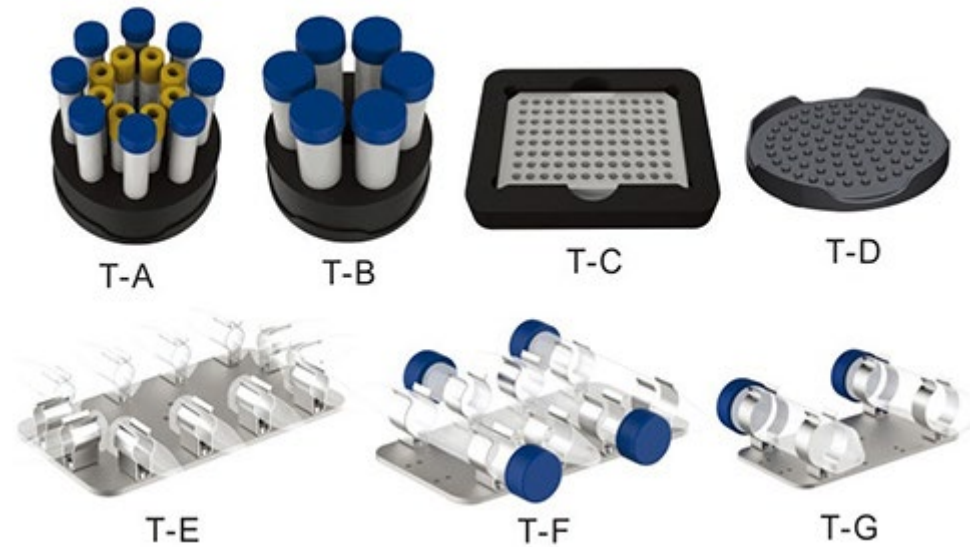
1. Simple operation, quick start, high efficiency.
2. Low noise and energy consumption—ideal for long-term continuous use.
3. Versatile container compatibility—no need to replace the whole machine.
4. Minimal maintenance, cost-effective.
5. Touch start—great for frequent operation scenarios.

Working Principle

The mixer's eccentric shaft drives a circular vibration platform on top. When a tube touches the surface, energy transfers rapidly, creating a vortex for fast, uniform mixing. Stepless speed control adjusts vibration intensity for different samples.

Application Areas

1. Molecular biology labs: DNA/RNA extraction, enzyme reaction sample prep.
2. Medical testing: Reagent mixing, blood sample homogenization.
3. Pharmaceutical/biochemical research: Drug dissolution, bacterial culture mixing.
4. Chemical analysis: Rapid homogenization and dispersion of small solutions.
5. Education: Visual demonstration of mixing in classrooms and labs.



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Model	BV10
Orbit	4mm
Speed range	100rpm to 3000rpm
Operating modes	touch or continuous
Power supply	220Vac, 50/60Hz or 110Vac, 50/60Hz

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Model	BV10
Power	60W
Dimensions	128x158x165mm
Weight	3.6kg

Optional accessories

Order code	Descriptions
T-S	standard head, suit for 1.5mlX8 centrifuge tubes
T-A	foam tube holder for 15mlX8 and 10mlX8
T-B	foam tube holder for 50mlX6
T-C	plate holder platform, for all standard plates
T-D	plate adapter suitable for less than 120mm diameter tube or container

Optional accessories

Order code	Descriptions
T-E	tube holder platform, for 1.5ml/2.0ml tubes x 12
T-F	Tube holder platform, for 15ml tubes x 4
T-G	Tube holder platform, for 50ml tubes x 2