



Vortex Mixer Model M6

The vortex mixer adopts advanced design concepts and manufacturing technology. Its appearance is simple, smooth and beautiful, and its structure is compact and firm. This makes this model with high versatility, simple operability and other advantages to ensure that it can quickly handle liquids, liquids, solids, and powders. And other substances.



Reliability of vortex mixer

ST intelligent analysis and processing platform can sensitively respond to the work requirements of various modes, fully equipped with fast processing chipset and electronic sensing technology, and easily realize intelligent control of speed, time and working mode;

Driven

Permanent magnet DC motor is not easy to generate heat, has over-temperature protection characteristics, to ensure long-term trouble-free operation under high-speed mixing, no carbon brush design, simple integration, no need for extra accessories, reduce running resistance, more powerful, reduce noise, and avoid interference;

Stability

The perfect structure optimization design of the fuselage enables it to have enough counterweight weight and eccentric balanced operation, providing a stable and quiet working platform for various vibration mixing;

Efficiency

Complete the work with high speed, high efficiency and high thoroughness of any liquids and powders that need to be mixed in the shortest time;

Functionality

The two safe operation modes of the vortex mixer, "light induction" and "continuous", are convenient and simple to switch, and the time function has a countdown and countdown to make the experiment more convenient and accurate;

Technical Data

Model	Vortex mixer M6
Input power	AC100-250V/50/60Hz
Output Power	20W
Motor/drive method	DC24V permanent magnet motor/direct drive
way to control	PWM stepless variable frequency speed regulation
Operation method	Jog/continuous "jog", "continuous"
Power fuse	PPTC/self-recovery fuse/no need to replace
Maximum load	1.0Kg
range of rotation	0/200-3,000r/min.
Oscillation mode	circumference
Circumference diameter	4.5
Speed function/display	LCD
Time function/display	Digital timing 1S-999min. Countdown, jog forward timing/high-bright LCD
Dimensions: length × width × height	127×147×128mm
weight	3.5kg
Noise at maximum speed	≤ 45dB(A)
Fastest acceleration time	≤ 3s
Fastest deceleration time	≤ 3s
Allowable ambient temperature/relative humidity	5 - 40°C/80%
Protection level	IP21
Testing standard	EN 61010-1, EN 61010-2-020, EN 61326-1, EN 61010-3-2/A2

Ordering Information

M6-18090	M6 Vortex mixer with Standard rotor M6-1 and M6-2
M6-18091	M6-1 (Plate the tube which the diameter no more than 50mm small containers Slot structure to prevent the container from sliding during)
M6-18092	M6-2 (Used for placing flask containers with diameters less than 85mm or mixed with multiple test tubes)
M6-18093	M6-3 (use for test tube 10mm x 14 position)

