



Optional Accessory (Foam Module)

Model	Specifications	Number of tubes	Module size
T10	5ml	50	245x132x45mm
T15	10ml / 15ml	50	245x132x45mm
T20	20ml	50	245x132x45mm
T29	50ml	15	245x132x45mm
T00	Upper Tray Pad	/	305x178x25mm
T01	Lower Tray Pad	/	305x178x25mm

*Note: All modules are made of sponge material; choose sizes close to the outer diameter of the test tube.



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Product Introduction

Multi-Tube Vortexer / Vortex Mixer / Programmatic vortexer

Multi-tube vortex shaker (multi-tube vortex mixer/agitator) utilizes a brushless DC motor and microcomputer control technology. The human-machine interface operation mode is simple and user-friendly. By replacing different test tube holder sponges, it can uniformly mix and oscillate various commonly used test tubes, capable of mixing and processing up to 50 samples at a time. It is suitable for applications in fields such as bioprocessing, microbiology, and medical analysis that demand high accuracy and repeatability. It significantly enhances testing efficiency for high-throughput applications in suspension, clinical, environmental, and chemical laboratories.

- ◆ LED display, one-button operation mode, simple and easy to use.
- ◆ Set timing duration from 1 minute to 99 hours and 59 minutes, with automatic sound alert upon completion of the run.
- ◆ Multiple sponge test tube racks to choose from, with wide applications.
- ◆ Soft start, uniform acceleration, effectively preventing sample splashing.
- ◆ Brushless DC motor drive for precise speed, long lifespan, and maintenance-free operation.
- ◆ Capable of processing up to 50 test samples at once, enabling efficient and swift experimentation.
- ◆ Sleek operating panel, accurately controlled by a microprocessor, with LED real-time display of speed and time.
- ◆ User-friendly program design, featuring both pulse and timed operation modes.

Model	DHM-250	DHM-200
Oscillation Speed	500-2500rpm	500-2800rpm
Speed Adjustment	10rpm	
Reciprocation Diameter (Amplitude)	4mm horizontal reciprocation	
Timing Range	0~99h59min	
Speed Adjustment During Operation	Not applicable Supported	
Max Load Capacity	4.5kg	5.0kg
Power	70W	100W
Standard Test Tube Rack	Choose any one	
Completion Sound Alert	Yes	
Tray Size	310x180mm (Length*Width)	
Product Weight	14.9kg	15kg
Dimensions	410*276*432mm (Length*Width*Height)	
Input Power	AC100-240V / 50-60Hz	

*Instrument Configuration: One foam test tube rack (choose any from T10 to T29), one upper tray pad, and one lower tray pad. It is recommended to use the original manufacturer's dedicated test tube rack.