



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.



**Product Introduction**

Multi-Tube Vortexer / Vortex Mixer / Programmatic vortexer

DHM-300T programmable multi-tube vortex shaker utilizes a brushless DC motor and microcomputer control technology. Its unique full touch screen operation mode is simple and easy to use. It features built-in constant speed, pulsing, and programming modes. By replacing different test tube holder sponges, it can uniformly cultivate various commonly used test tubes, capable of mixing and processing up to 50 samples at a time. It is suitable for fields such as genetics, diagnostics, biology, microbiology, and medical analysis. It significantly enhances testing efficiency for high-throughput applications in suspension, clinical, environmental, and chemical laboratories.

- ◆ LCD touch screen with graphical display for more intuitive and convenient operation, accurately controlled by a microprocessor.
- ◆ Brushless DC motor drive for precise speed, long lifespan, and maintenance-free operation.
- ◆ Multiple sponge test tube racks to choose from, suitable for a variety of commonly used test tubes, with wide applications.
- ◆ Soft start, uniform acceleration, effectively preventing sample splashing.
- ◆ Capable of processing up to 50 test samples at once, enabling high-throughput experimentation for efficient and quick results.
- ◆ Flexibly set forward and reverse rotation times and total time, with automatic sound alert upon completion of the run.
- ◆ Added pulsing mode with high-speed alternating rotation for enhanced mixing efficiency.
- ◆ Added programming mode for multi-stage processing of special materials, supporting up to 8 segments and allowing for cycle operations.

Model	DHM-250T	DHM-300T
Oscillation Speed	500-2500rpm	300-3000rpm
Speed Setting	1rpm	
Reciprocation Diameter (Amplitude)	4mm horizontal reciprocation	
Timing Range	1~99H59M	
★ Forward/Reverse Time	1~99S	
★ Data Storage	Up to 15 sets	
★ Programming Mode	Up to 8 segments, capable of cycling (1~999 cycles)	
Max Load Capacity	5.0kg	5.0kg
Power	70W	100W
Standard Test Tube Racks	Choose any three	
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: Choose any three foam test tube racks from T10 to T29, with one upper tray pad and one lower tray pad. It is recommended to use the original manufacturer's dedicated test tube racks.