

VM-80+ Vertical Rotating Mixer

VM-80+ Vertical Rotating Mixer is mainly used to provide efficient and gentle mixing of the experiment, keeping the biological sample in suspension, such as blood mixing. It is suitable for preventing blood coagulation, latex diagnosis, immunoprecipitation and other similar applications. Suitable for a wide range of tubes (1.5ml ~ 50ml) in the laboratory.

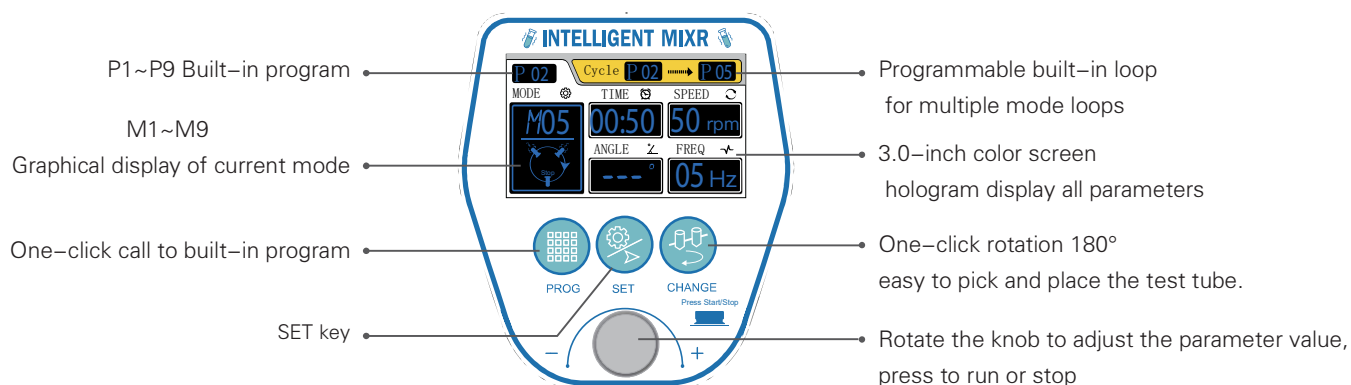


FEATURE

1. Exquisite appearance and sturdy construction; Special machine foot adsorption desktop, super stable and shockproof.
2. Stepper motor with stable performance, high power torque, low noise, stable low speed, strong high speed and long service life.
3. The three-inch color screen hologram displays all the parameters, graphical displays the current running attitude mode of the test tube, which is clear at a glance, and sound an alarm after the end of the operation.
4. Built-in M1~M10 ten kinds of mixing mode, one key to call, convenient and fast, to meet more experimental needs.
5. Built-in loops programmable, can achieve circulation between modes, can achieve unattended switching mode operation.
6. The test tube module is easy to assemble and equipped with fixed screws, which is more reliable and durable. Multiple combinations of modules, compatible with 1.5–50ml test tubes to meet more experimental requirements.

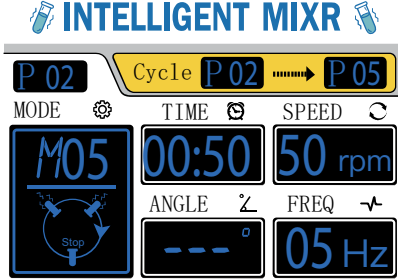
PARAMETERS

Model	VM-80+
Speed Range	1 ~ 80rpm
Time Range	1s ~ 99min59s
Operating atmospheric relative humidity	No more than 80%
Adapter input	AC 90~230V 50/60Hz
Adapter output	DC 24V 2A
Power	48W
Dimension	W.462 × D.150 × H.180mm
Net Weight	2.1kgs



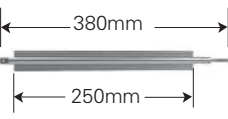
VM-80+Vertical Rotating Mixer

Built-in program

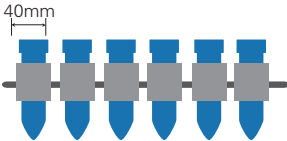
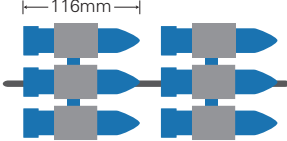
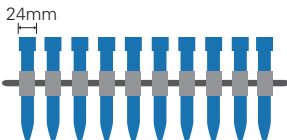
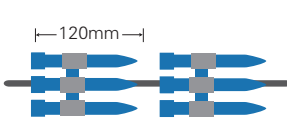
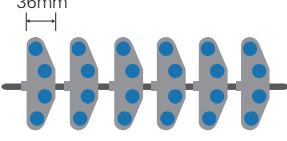
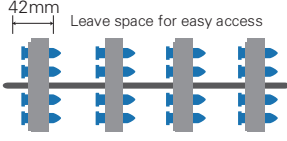
 M01 Clockwise rotation continuously; rotation speed adjustable, whole running time adjustable.	 M05 135° Clockwise rotation, Jitter 2s; 135° Clockwise rotation, Jitter 2s; 90° Clockwise rotation, stay for 2s; Jitter amplitude adjustable, rotation speed adjustable, whole running time adjustable.	 M09 110° Clockwise rotation, Jitter 2s; 110° Anticlockwise rotation, Jitter 2s; 110° Anticlockwise rotation, Jitter 2s; 110° Clockwise rotation, Jitter 2s; Jitter amplitude adjustable, rotation speed adjustable, whole running time adjustable.
 M02 360° Clockwise rotation, stays for 1.5s at initial point ; rotation speed adjustable, whole running time adjustable.	 M06 135° Clockwise rotation, Jitter 2s; 135° Clockwise rotation, Jitter 2s; 90° Clockwise rotation, Jitter 2s; Jitter amplitude adjustable, rotation speed adjustable, whole running time adjustable.	 M10 Swinging counterclockwise & clockwise; Angle adjustable, Speed adjustable , whole running time adjustable.
 M03 180° Clockwise rotation, stays for 2s at initial point ; rotation speed adjustable, whole running time adjustable.	 M07 110° Clockwise rotation, stay for 2s; 110° Anticlockwise rotation, stay for 2s; 110° Anticlockwise rotation, stay for 2s; 110° Clockwise rotation, stay for 2s, stays for 2s at initial point; Jitter amplitude adjustable, rotation speed adjustable, whole running time adjustable.	
 M04 135° Clockwise rotation, Jitter 2s; 225° Clockwise rotation, stays for 2s at initial point ,Jitter amplitude adjustable, rotation speed adjustable, whole running time adjustable.	 M08 110° Clockwise rotation, Jitter 2s; 110° Anticlockwise rotation, stays for 2s at initial point 110° Anticlockwise rotation, Jitter 2s; 110° Clockwise rotation, stays for 2s at initial point; Jitter amplitude adjustable, rotation speed adjustable, Running time adjustable.	

Optional accessories

Note: The following tube holders can be freely combined.
Users may choose according to actual needs.

 VM-A 50ml (Max. Installation quantity12 / rack)	 VM-B 15ml (Max. Installation quantity20 / rack)	 VM-C 1.5-2.0ml (Max. Installation quantity12 / rack)	 VM-D One trailer three reversing module (Max. Installation quantity4 / rack)	 VM-E installation rack (Detachable/can be spare for fixed common combination)
---	---	--	--	---

Module combination reference

Group A  (Max. 6x2 row/rack 50ml tube x12) Vertical group	 (Max. 2x2 row/rack 50ml tube x12) Horizontal group	 One trailer three 50ml Installation effect
Group B  (Max. 10x2 row/rack 15ml tubex20) Vertical group	 (Max. 2x2 row/rack 15ml tubex12) Horizontal group	 One trailer three 15ml Installation effect
Group C  (Max. 6x2 row/rack 1.5-2ml tubex48) Vertical group	 (Max. 4x2 row/rack 1.5-2ml tubex32) Horizontal group	 Mix more combinations according to needs.