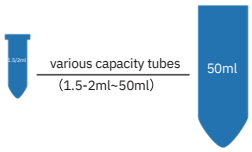
VM-80+ Vertical Rotating Mixer

Rotator, Mixer and Vortexer

Introduction

The VM-80+ Vertical Rotating Mixer is designed for efficient and gentle sample mixing while keeping biological samples in suspension, including blood samples. It is suitable for applications such as preventing blood coagulation, latex diagnostics, immunoprecipitation and other similar laboratory procedures. It accommodates a wide range of sample tubes, from 1.5 ml to 50 ml.





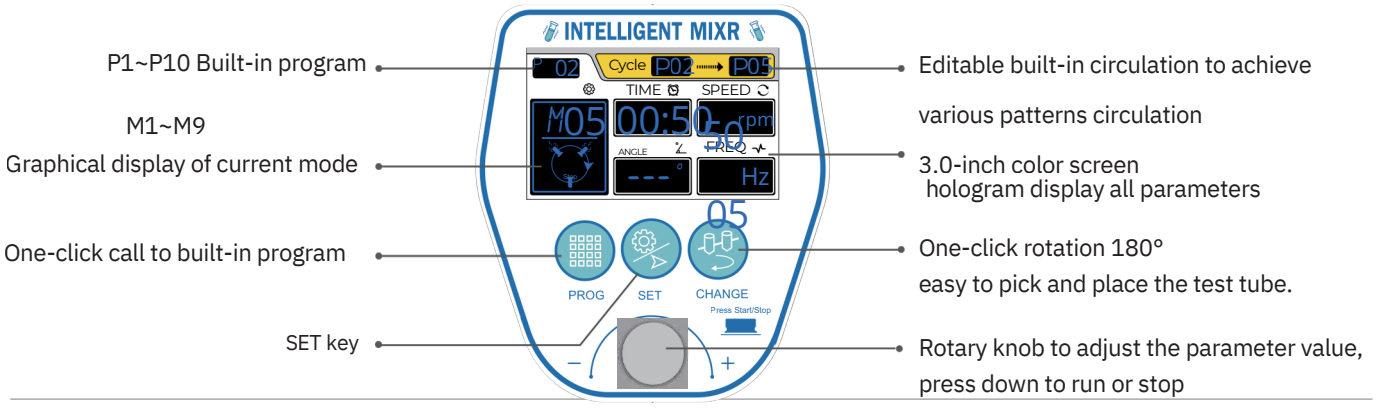
Feature



1. Features a robust, compact design with a specialised suction-foot base for enhanced stability and shock resistance.
2. Equipped with a stepper motor that delivers high torque, stable low-speed operation, powerful high-speed performance, low noise and a long service life.
3. Features a 3-inch colour screen displaying operating parameters and the current tube rotation mode, with an audible alarm to signal programme completion.
4. Offers 10 built-in mixing modes (M1–M10), which can be selected with a single touch for convenient operation.
5. Supports programmable cycles, allowing automatic switching between different mixing modes for unattended operation.
6. Features easy-to-assemble, screw-secured tube modules for reliable and durable use. Multiple module configurations are available to accommodate sample tubes ranging from 1.5 ml to 50 ml.

Parametr

Model	VM-80+
Speed Range	1rpm~80rpm
Time Range	1s~99h59min
Operating relative humidity	No more than 80%
Voltage	AC 90~230V, 50/60Hz
Power	48W
Dimension	W.462 x D.150 x H.180mm
Net Weight	2.1kgs

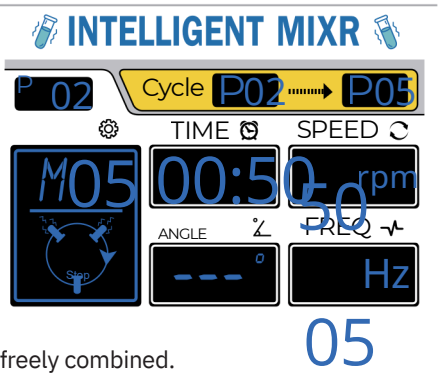
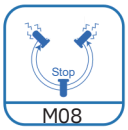


ANALYTICAL & DIAGNOSTIC PRODUCTS

MIULAB

VM-80+Vertical Rotating Mixer

Built-in program

 Clockwise rotation continuously; rotation speed adjustable， whole running time adjustable.	 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.	 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.
 360°Clockwise rotation，stays for 1.5s at initial point ； rotation speed adjustable， whole running time adjustable.	 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.	 Swinging counterclockwise & clockwise; Angle adjustable, Speed adjustable , whole running time adjustable.
 180°Clockwise rotation，stays for 2s at initial point ； rotation speed adjustable，whole running time adjustable.	 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.	
 135°Clockwise rotation，Jitter 2s；225°Clockwise rotation，stays for 2s at initial point ,Jitter amplitude adjustable，rotation speed adjustable，whole running time adjustable.	 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.	

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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)



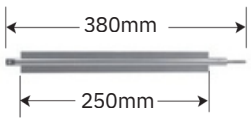
VM-C 1.5-2.0ml

(Max. Installation quantity12 / rack)



VM-D One trailer three reversing block

(Max.Installationquantity4 / rack)

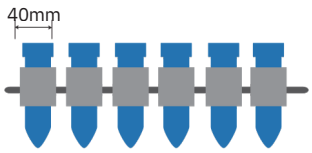


VM-E installation rack

(Detachable/can be spare for fixed common combination)

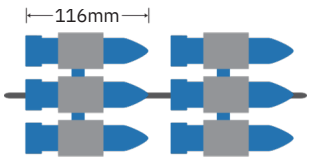
Module combination reference

Group A



(Max. 6x2row/rack 50ml tube x12)

Vertical group



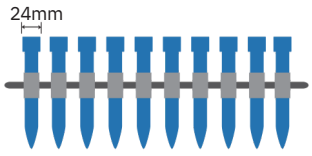
(Max.2x2row/rack 50mltube x12)

Horizontal group



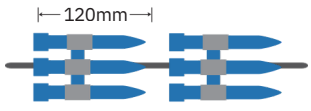
One trailer three 50ml Installation effect

Group B



(Max.10x2row/rack15ml tubex20)

Vertical group



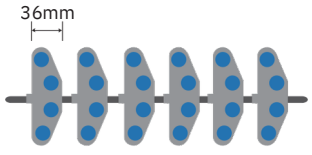
(Max.2x2row/rack 15mltubex12)

Horizontal group



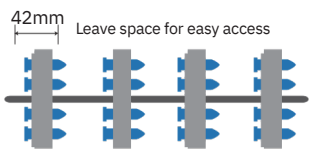
One trailer three 15ml Installation effect

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.