

Multipoint vortex mixer(Vortex-MULTI)

Vortex MULT is a mixer that can adapt to up to 110 test tubes, with an amplitude of up to 3mm and a maximum speed of up to 2000rom. It has an exquisite design, compact structure, and simple operation, meeting the experimental requirements of simultaneous operation of multiple samples. It is widely used in different fields such as biopharmaceuticals, chemical engineering, and food hygiene.

Technical Parameters



Standard Accessories Capacity: 50ml
Test Tube Adapter Workstation: 12

Model	Vortex-MULTI
Item No	1001021001
Voltage(V)	100~240
Frequency(Hz)	50~60
Amplitude(mm)	3
Motor Type	DC Brushless motor
Operation mode	Shaking
Operate method	Continuous /Timer
Speed range (rpm)	200~2000
Speed display	LCD
Timer function	yes
Timer Range(min)	0~9999
Whole machine power(W)	75
Standard adapter	12*50ml
Max load (kg)	2
Allowable ambient temperature(°C)	5~40
Allowable ambient humidity (%)	80
Instrument Size(mm)	380*260*165
Packing Size(mm)	475*355*310
GW(kg)	11
NW(kg)	10

Product accessories



Capacity:100ml
Tube adapters
Position:8pcs
Item No :20010084



Capacity:10~15ml
Tube adapters
Position:20pcs
Item No:20010066



Capacity:5ml
Tube adapters
Position:36pcs
Item No:20010080



Capacity:1.5~2ml
Tube adapters
Position:54pcs
Item No:20010081



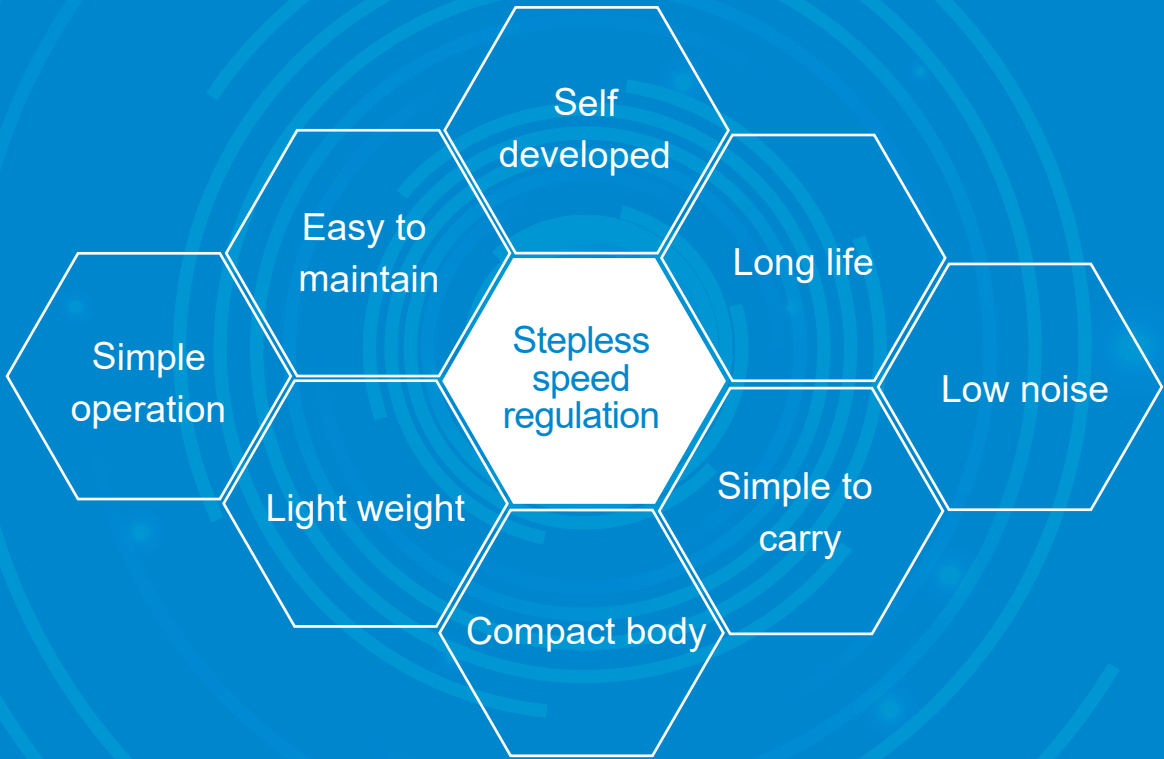
Capacity:0.5ml
Tube adapters
Position:72pcs
Item No:20010082



Capacity:0.2ml
Tube adapters
Position:110pcs
Item No:20010083

Fully functional and efficient experiment

Simultaneously mixing multiple samples of 0.2~100ml, the DC brushless motor is maintenance free and can run for a long time; It has a timed operation function, with two operation modes: continuous operation and timed operation; The maximum load capacity can reach 2kg; LCD display speed, with a maximum speed of up to 2000rpm; Capacity: 50ml Test Tube Adapter Workstation: 12



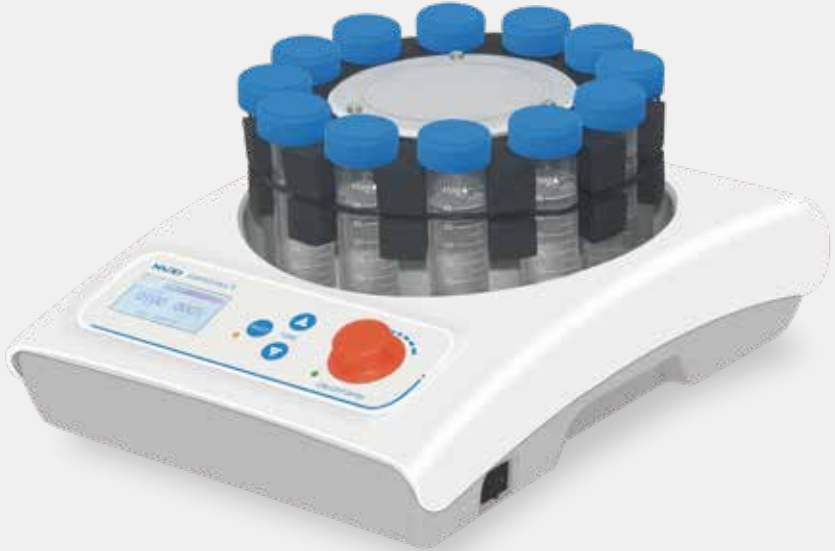
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Vortex series



Vortex-MULTI



Vortex-5



Vortex-5S



Focus on producing laboratory general instruments

Shanghai Huxi Industry Co.,Ltd

Optical Induction Vortex Mixer(Vortex-5/5S)

The Vortex-5 rotary vortex mixer and Vortex-5S button vortex mixer are both driven by DC motors and designed with eccentric structures. They are widely used in experimental fields such as biochemistry, genetic engineering, and medicine to mix and oscillate liquids in containers.

Product Features



Design of eccentric ball axis

Made of high-quality rubber, it is wear-resistant, corrosion-resistant, anti-oxidation, and has a longer service life. It uses a cycloidal mixing method for faster and more uniform mixing.



Anti slip base

Independent research and development to make instruments more stable and experiments safer.



LCD display screen

LCD display, convenient for observation, real-time display of speed and time, making your experiments more convenient and efficient.



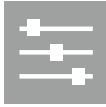
Brushless motor

Brushless DC motor, no carbon powder to avoid sample contamination, no electric sparks, easy to maintain, no need to replace carbon brushes frequently, safe to use.



Large button design

The Vortex-5 use a button operated mode with stepless speed regulation, which can directly adjust temperature and time.



Speed regulation method

Vortex-5 adopts knob adjustment; The Vortex-5S adopts button adjustment and is driven by a DC motor.



Minimalism

Streamlined design, integrated shell molding, using reinforced engineering plastic molding technology, beautiful appearance, showcasing the beauty of craftsmanship.



Exquisite appearance

The overall mechanism design is compact, with exquisite appearance and humanized design.

Light sensing design makes experiments more portable

- Brushless motor
- Infinite speed regulation
- Fast shaking



Anti slip base

Utility model patent number:ZL2021 2 0491130.5



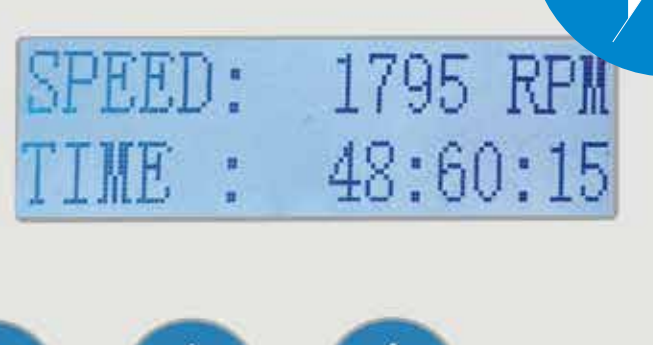
Design of eccentric ball axis

Utility model patent number:ZL 2021 2 0542949.X



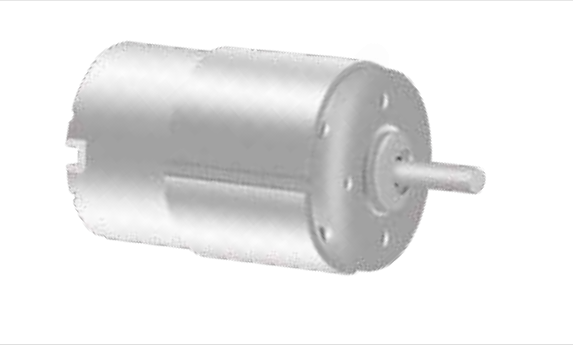
LCD display screen

Display Speed and time



Brushless motor

DC motor, no carbon powder to avoid sample contamination, no electric spark



Technical Parameters



Vortex-5 Vortex Mixer

Motor type: DC motor
Base material: Zinc alloy
Without timing function
Speed regulation method: **rotary knob**



Vortex-5 Vortex Mixer

Motor type: DC motor
Base material: Zinc alloy
Without timing function
Speed regulation method: **button+digital display**

Model	Vortex-5	Vortex-5S
Item no	1001016001	1001017001
Voltage(V)	100~240	100~240
Frequency(Hz)	50~60	50~60
Motor type	DC motor	DC motor
Shaking mode	Orbital	Orbital
Speed range(rpm)	0~2800	100~2800
Speed control mode	Knob	Button
Operation mode	Touch(light sensing)/continuous	Touch(light sensing)/continuous
Timer function	-	yes
Timer range	-	1~99h59m59s
Time display	-	LCD
Base material	Zinc Alloy	Zinc Alloy
Orbital diameter(mm)	4	4
Input power(W)	60	60
Temperature(°C)	5~40	5~40
Humidity(%)	80	80
Exterior Dimension(mm)	165x130x140	165x130x140
Packing dimension(mm)	235x193x193	235x193x193
NW(kg)	3	3
GW(kg)	3.5	3.5

Product optional accessories

Type											
No	20010039	20010041	20010040	20010042	20010043	20010044	20010046	20010011	20010047	20010048	20010003
Size	4*50ml	8*10&15ml	12*1.5&2ml	8*5ml	24*0.5ml	48*0.2ml	Universal plate	Flat gasket	Tightening standard head	Snap on standard head	Handheld pole