



Attrezzature da Laboratorio

Catalogo 2023

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Super MiniStar

Super MiniStar comes with a 8-place fixed angle rotor for 1.5mL to 2mL tubes, 8-tube adapter for 0.2mL & 0.5mL tubes, a rotor for 32 x 0.2mL PCR tubes or 4 PCR tube strips, Each rotor can be easily interchanged by the user.

The transparent lid allows the operator to view the samples. The rotors stop once the lid release button is pushed. The centrifuge is small but mighty, it quickly accelerates to a maximum speed of 12000 rpm (7,000xg) and stops within seconds.

- Variable speed from 1000 to 12000 RPM



Cod.No	MS-12000
Speed	1000 – 12000 rpm
RCF	7,000 x g
Rotors (Standard)	<ul style="list-style-type: none"> • Round rotor: 8-place for 1.5mL / 2.0mL tubes. • 8-tube adapter for 0.2mL or 8-tube adapter for 0.5mL tubes • Strip rotor: 32-place for 32 x 0.2mL tubes or 4 x 0.2mL 8-tube PCR strips
Weight	3.5 Kg
Power	85~245V AC, 50 Hz

Mini Vortex

MV- 300 is a small volume, contact mode vortex mixer suitable for short time inching mixing. The liquid liquid, liquid solid and solid solid (powder) are mixed quickly and thoroughly.

Technical parameters

- 1. Two operation modes: short-time jog or continuous operation;
- 2. Running speed 2500rpm;
- 3. Silicone base, small size, super shockproof
- 4. Low operating noise and stable performance



Mini Vortex	MV - 250
Control method	Constant speed
Shaking speed	3000RPM
Dimension	100*93*150mm
Voltage	220V
Power	12W

Mini Vortex

This scientific vortex mixer mixes different sizes of test tubes in seconds. Also easy to operate with the one-handed touch operation function. This lab vortex shaker is equipped with a brushless DC motor, runs stably and smoothly at a low noise level.



Mini Vortex	MV - 600
Control method	Constant speed
Shaking speed	3000RPM
Dimension	93*93*72mm
Voltage	220V
Power	12W

Multi Plate Vortex Mixer

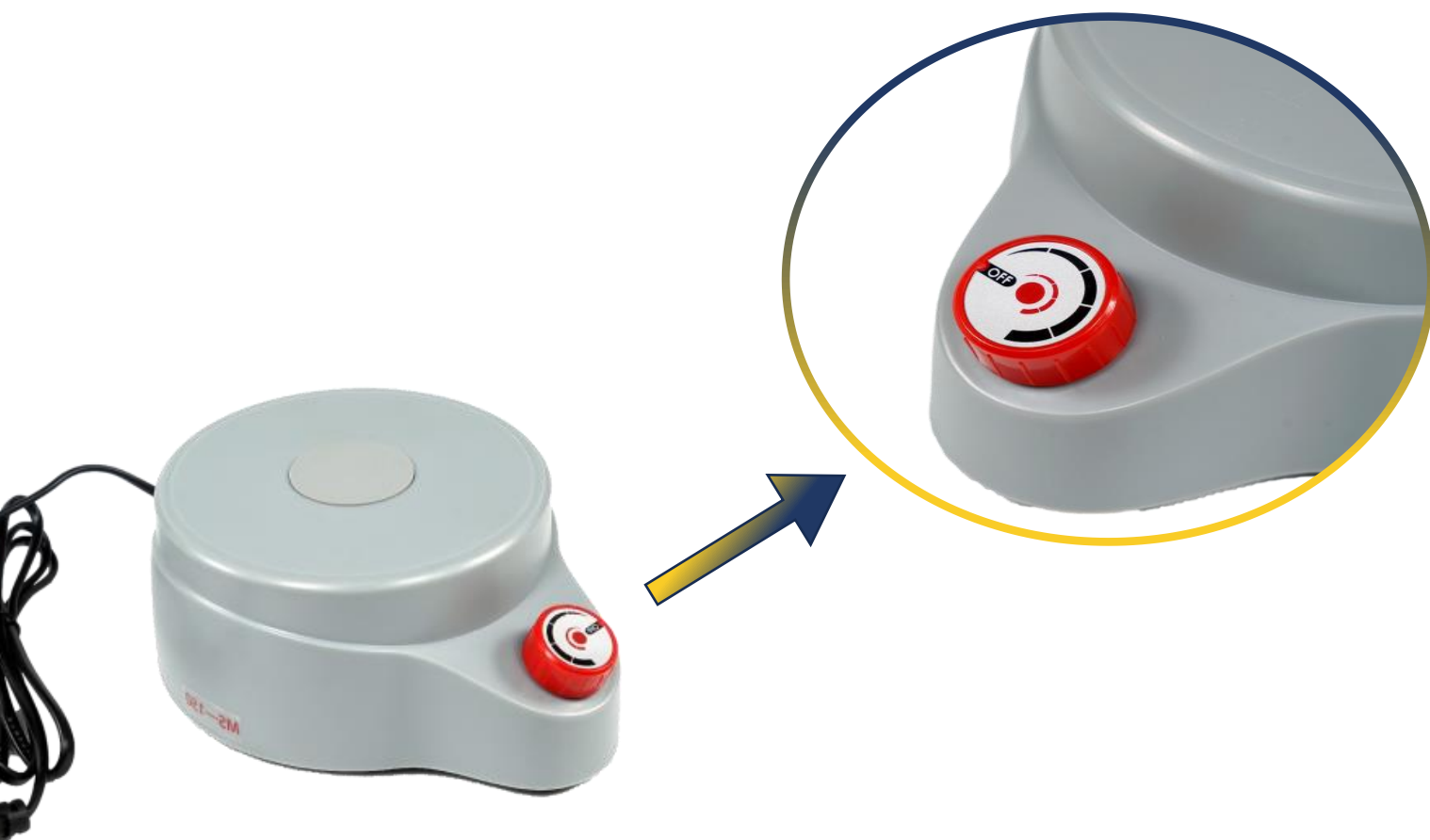
The Multi plate vortex mixer MPV-1000Pro is the ideal vortex mixer for any laboratory. The unit's simple Touch and run functions with multi modules make it easy to different experimental requirements. The small and compact design conserves bench space, yet the mixer is powerful enough to deliver robust vortex mixing at 3000 rpm.



MultiPlate Vortex	MPV - 1000Pro
Control method	LCD Screen
Speed range	0-3000RPM
Timing / Time	1-99min Or 1-59sec
Voltage	220V
Power	12W

Magnetic Stirrer

Magnetic stirrer is an instrument for liquid mixing, mainly used for liquid reagent configuration, stirring low viscosity liquid or solid-liquid mixture; MS-150 magnetic stirrer has a large stirring volume, stable rotor rotation, no jumping sub, and its shell is molded by flame retardant reinforced plastic as a whole, fully enclosed waterproof and rustproof.



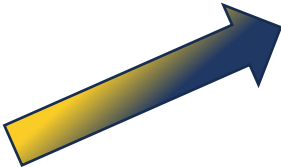
Cat.No	MS-150
Speed	2200RPM
Frequency	Speed Regulation Mode
Power Output	6.6W
Ambient Temperature	5 ° C-40 °C
G Force	500 x G
Relative Humidity	0.8
Voltage	110V~240V
Dimension (W×D×H)	150*185*78
Net Weight	0.75kg

Hot Plate Magnetic Stirrer

This heating plate magnetic stirrer contains a stainless steel hot plate and a PTFE-coated stir bar, featuring fast & even heating and stable stirring. The maximum 1600 RPM stirring speed gives a rapid solution mixing.. Also,dual adjusting knobs give precise temperature and speed control. Our magnetic hot plate is ideal for scientific research, laboratory study, industrial process, etc.

Avvailable versions:

Cat. No	Stirring Speed	Stirring Capacity	Max Heating Temperature
MS-3	1600 RPM	3 Liters	380°C
MS-2	1600 RPM	2 Liters	200°C
MS-2002	2000 RPM	2 Liters	280°C
MS-5002	2000 RPM	5 Liters	280°C



Voltage	220 V
Max Heating Temperature	380°C
Weight	7.7 Kg
Stirring Capacity	3 L
Stirring Speed	1600 RPM
Size	178*279*323mm

Rotatory Stirrer

This stirrer is made of robust ABS plastic material, with a non-slip working platform and a stable base. With the adjustable speed at 0-210rpm and precise timer 1-15min, the orbital rotator is easy to use. Our rotary stirrer works with no vibration and no noise, which is widely applied in research institutes.



Cat.No	RS-210
Speed	0-210 RPM
Timer	0–15 min
Weight	3,3 Kg
Size	320 x 320 x 130 mm / 12,6 "x 12,6" x5,12 "
Voltage	220 V

Orbital Shaker

The movement modes are horizontal, pendulum and three-dimensional composite, and the Fisher Molecular Biology shaker is equipped with LCD display, knob-type control keys and digital timing function.

Product advantages

- 1. Pendulum mode, horizontal mode and composite mode can be used alone ;
- 2. Automatic leveling function, it will automatically level after the operation of any mode ;
- 3. The compound operation mode can achieve the best effect by adjusting the relative operation speed of the level and the pendulum;
- 4. Using stepper motor , the speed is more accurate; the shell is integrally formed, leak-proof and impermeable; the bottom plate is treated with anti-rust treatment, which is more durable



OS-02
Orbital Shaker



OS-02Pro
Orbital Shaker

Orbital Shaker	OS-02	OS-02Pro
Max load	2Kg	2Kg
Power	20W	30W
Tray Size	268*268mm	250*250mm
Speed range	40 – 200 rpm	40 – 200 rpm

Digital Shaker

The shaker is widely used in Western experiments such as blocking of blotting membranes, antibody incubation, washing, fixation, staining, and destaining of electrophoretic gels; it can also be used for shaking liquids in various centrifuge tubes, multi-well plates, Petri dishes, and culture bottles, mix well.

Product Features:

- 1. Small design, easy to move
- 2. The pendulum mode can automatically stop to prevent the dry film from affecting the experimental results
- 3. Power-off memory, automatically continues to run after power-off



MDS-100P
Pendulum shake



MDS-100H
Horizontal shake

Digital Shaker	MDS-100P	MDS-100H
Movement	Pendulum Movement	Horizontal Movement
Speed range	0-200 rpm	0-200 rpm
Max load	2.5 Kg	2.5 Kg
Tray size	317*245mm	317*245mm
Dimension	317*245*139mm	317*245*130mm
Tilt Angle	20°	20°

Digital Shaker

The movement modes are horizontal, pendulum and three-dimensional composite, and the Fisher Molecular Biology shaker is equipped with LCD display, knob-type control keys and digital timing function.

Product advantages

- 1. Pendulum or horizontal type shutdown automatic leveling function , avoid long-term tilting of the sample after shutdown, dry film, affecting the experimental results;
- 2. The tray is larger and adopts stepper motor, which has low noise and more reliable quality;
- 3. Long time operation without fever;
- 4. Large digital display screen , intuitive display of running speed and running time



DS-200H
Horizontal shaker



DS-200P
Pendulum shaker

Split-Type Shaker	DS-200H	DS-200P
Movement	Horizontal movement	Pendulum movement
Speed range	5-100 rpm	5-100 rpm
Max load	5 Kg	5 Kg
Tray size	338*308mm	338*308mm
Tilt Angle	10°	10°
Weight	8.5Kg	8.5Kg

Split-Type Shaker for Fridge

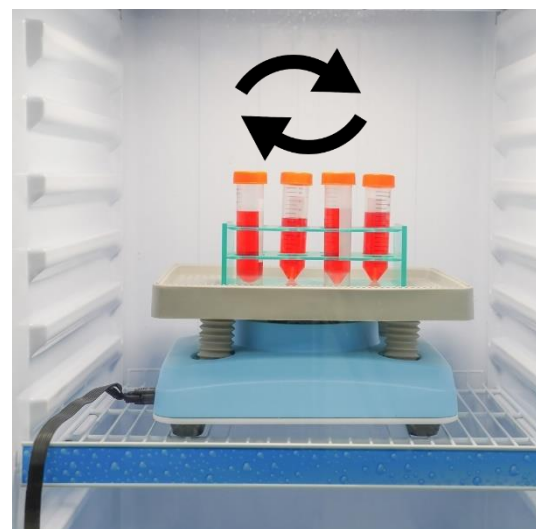
The Fisher Molecular Biology Oscillating Shaker can be used for most functions required in the laboratory. The pendulum or horizontal motion makes it perfect for Western Blot analyses. Its size and the presence of a convenient remote control make this shaker ideal for use inside refrigerators, chromatography cabinet and incubator, even small ones.

Product Features:

1. Split layout, flat power cord, magnetic suction controller external, easy to be placed in the refrigerator, chromatography cabinet, incubator.
2. Waterproof treatment, adapt to different humidity environments.
3. The pendulum mode can automatically stop to prevent the dry film from affecting the experimental results



STS-100P
Pendulum shake



STS-100H
Horizontal shake

Split-Type Shaker	STS-100P	STS-100H
Movement	Pendulum movement	Horizontal movement
Speed range	0-100 rpm	0-200 rpm
Max load	5 Kg	5 Kg
Tray size	317*245mm	317*245mm
Dimension	317*245*143mm	317*245*143mm
Weight	4.5 Kg	4.5 Kg

Mini Digital 3D Shaker

1. Speed adjustable. Gentle shaking: 10-80rpm
2. Digital pannel with timing: 1min-8h
3. Increment: 1rpm
4. Compact design, can be put into the incubator oven/refrigerator or other lab equipments



Tilt Angle	10°
Max Load	0.8 Kg
Speed range	10-80rpm
Tray Size	184*184 mm
Weight	2.8kg

Digital 3D Shaker

The movement modes are horizontal, pendulum and three-dimensional composite, and the Fisher Molecular Biology shaker is equipped with LCD display, knob-type control keys and digital timing function.

Product advantages

- 1. Pendulum mode, horizontal mode and composite mode can be used alone ;
- 2. Automatic leveling function, it will automatically level after the operation of any mode ;
- 3. The compound operation mode can achieve the best effect by adjusting the relative operation speed of the level and the pendulum;
- 4. Using stepper motor , the speed is more accurate; the shell is integrally formed, leak-proof and impermeable; the bottom plate is treated with anti-rust treatment, which is more durable



Tilt Angle	10°
Max load	5Kg
Speed range	5-100 rpm
Tray Size	338*308mm
Weight	9.5Kg

Long axis & Rotator Rotating Mixer Shake

1. Free combination of different tubes, 1.5ml-50ml tubes available.
2. Large digital screen to show all the parameter.
3. Adjustable speed and time for effective mixing.
4. Allowed ambient humidity temp: 5-40C.



RMS - 160



RMS - 360

Rotating Shaker	RMS - 160	RMS - 360
Product name	Long axis Rotating Mixer Shaker	Rotary Rotating Mixer Shaker
Control method	Knob speed regulation	Digital display with key
Speed range	20-80rpm	20-80rpm
Timing / Time	1min - 23h59min	1min - 23h59min
Voltage	220V	220V
Power	12W	12W

Homogeniz

This product is able to homogenize and emulsify efficiently between two incompatible liquids. The homogenizer is mainly used for the homogenization, fragmentation and cell dispersion of animal and plant tissues. At low speeds, it can also be used as a laboratory mechanical stirrer. Often used in laboratories, research institutes and chemical laboratories.



Cat.No	HMZ-2000
Max Speed	20000 giri / min (small blade) - 19000 giri / min (big blade)
Voltage	220 V
Glassware Size	5 ml, 10 ml, 15 ml, 20 ml
Blades Size	12 mm (small blade) - 18 mm (big blade)

Dry bath heating & cooling

Both dry baths are equipped with an LCD screen that allows multifunctional control of the equipment.
Numerous modules adapter of various sizes are available.
Both FS-MDB-C and FS-DB-C are available in the cooling-heating mode or heating only versions.



**FS-MDB-C Mini
Dry Baths**



**FS-DB-C
Dry Baths**

Dry Bath	FS-MDB-C	FS-DB-C
Temperature Range	Below room temp -15 °C ~ 100 °C	Below room temp -15 °C ~ 100 °C
Heating up time	≤ 12min(25°C - 100°C)	≤ 12min(25°C - 100°C)
Cooling time	20 - 25min (15 - 0°C)	20 - 25min (15 - 0°C)
Display precision	0.1°C	0.1°C
Module dimensions	71*47*32 mm	110*75*32 mm
Product size	160*115*96 mm	170*160*102 mm

Termoblocco

The TMB-001 is an easy to use dry thermostat block designed for long duration incubation processes at various temperatures. The universal aluminum block accommodates 0.2 – 0.5 – 1.5 – 2.0 mL microtubes. Simultaneous display of set and actual temperature and time.



Heat up times for Bio TDB-100



Temperatura Massima	+100°C
Temperatura Minima	+25°C
Precisione	0.1°C
Timer	Da 1m a 96h
Alimentazione	230 V 50/60 Hz
Diametro / profondità del blocco	Ø 130 mm / 45 mm
Dimensioni complessive (LxPxH)	210x230x115 mm
Peso	2.8 Kg
Capacità Blocco	24x2/1.5 ml + 15x0.5 ml + 10x0.2 ml microprovette

Laboratory Heating – Stirrer Jacket

This product is a good quality liquid nitrogen tank for laboratory and professional use. Made of aircraft-level aluminum alloy, it is light in weight, portable with long storage time. The large capacity makes it widely used in many fields such as scientific research, animal husbandry, mechanical processing, etc.

Thirty days of static holding (frequent use and opening the lid will cause volatilization of liquid nitrogen and shorten the storage time.)

Available Size:

Cat. No	Stirring Capacity
HSJ-5	500 ml
HSJ-10	1000 ml



Stirring Capacity	500 ml / 1000 ml
Max. Temperature	450 °C
Weight	2.5 Kg
Size	φ220x165mm

Ultrasound Laboratory Cleaner

This commercial-grade ultrasonic cleaner is built with sturdy 304 stainless steel, making it an efficient machine for daily or professional cleaning work. Our ultrasound laboratory cleaner machine will emit 40kHz ultrasonic waves to wash dirt on your laboratory equipment surface and crevice deeply. With the timing function, your items can be cleaned thoroughly in a few minutes. Lab ultrasonic cleaners are ideal for cleaning all your lab equipment.

Avvalible size:

Cat. No	Cleaner Capacity
UC-2	2 Liters
UC-6	6 Liters
UC-10	10 Liters
UC-22	22 Liters
UC-30	30 Liters

2 Liters ultrasound laboratory cleaner



30 Liters ultrasound laboratory cleaner



Microscope Smartphone Universal Adapter

Take photos with your smartphone through your microscope it's a child's play with the Bresser Smartphone Adapter. Simply attach the adapter to the eyepiece holder of your optical device and then use all together as a telephoto lens for your smartphone camera. Now you can take photos and videos through a microscope.

Features:

- Universal adapter to assemble the smartphone to a spotting scope or telescope
- For eyepieces up to 68mm diameter
- For smartphones with a width of 50–88mm



Balance

This digital analytical balance measures weights that range up to 200g, with the precision of 0.01 mg. It has the functions of peeling weight, self-calibration, memory, counting, fault display, unit conversions: gram(g), carat(ct), ounce(oz), pound(lb), etc. The balance digital scale is suitable for rapidly determining the quality and quantity of objects in industry, school, scientific research, etc.



JNB-2003



FA3005S

Balance	JNB-2003	FA3005S
Max Capacity	3000g	500g
Reachable	0.01g	0.001g
Pan size	128mm	120mm
Dimension	200*265*140 mm	375*255*340mm

Liquid Nitrogen Tank

This product is a good quality liquid nitrogen tank for laboratory and professional use. Made of aircraft-level aluminum alloy, it is light in weight, portable with long storage time. The large capacity makes it widely used in many fields such as scientific research, animal husbandry, mechanical processing, etc.

Thirty days of static holding (frequent use and opening the lid will cause volatilization of liquid nitrogen and shorten the storage time.)

Avvalible Size:

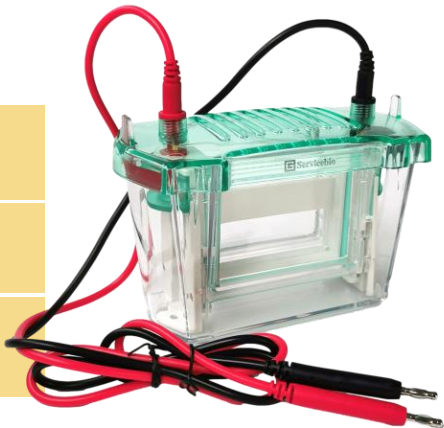
Cat. No	Cleaner Capacity
LNT-3	3 Liters
LNT-6	6 Liters
LNT-10	10 Liters
LNT-20	20 Liters



Vertical Electrophoresis System

Electrophoresis Tank (VET-2)

Dimensions (L*W*H) (mm)	185x108x125
Gel size (mm)	83x73
Maximum volume of buffer	500 ml



Transfer System (TES-2)

Dimensions (L*W*H) (mm)	185x108x125
Transfer size (mm)	70x90
Maximum volume of buffer	500 ml



Programmable Power Supply (PPS-6S)

Input power	180V-240V
AC frequency	50Hz/60Hz
Output range	6V-600V
Rated output power	300W



Horizontal Electrophoresis System



Cod. No	HES-2
Size	310 x 150 x 120 mm
Gel Size	Large Gel: 120 x 120 mm Width Gel: 60 x 120 mm Long Gel: 120 x 60 mm Small Gel: 60 x 60 mm
Specimen Comb Specification	1.0mm 25/11 teeth 1.5mm 13/6 teeth 2.0mm 3/2 teeth
Blue Light Wavelength	470 nm
Buffer capacity	260 mL
Weight	1 Kg



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