LABSTAC

MAGNETIC STIRRER

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MAGNETIC STIRRER

It is distinctly designed to meet the users application. Small, exquisite, convenient, portable, simple operation and long durability makes it an ideal choice.
Used in Cell Culture, Laboratory, Research, Medical.
Also known as Laboratory Magnetic Stirrer, Digital Magnetic Stirrer.

STR13-001 MAGNETIC STIRRER

Maintenance free brushless DC motor guarantees long service
Rare earth magnets give powerful stirring
Stepless speed regulation
Ultra silence and vibration-free design.
PET top provides excellent chemical resistance
Shaft can be fitted with a pH sensor or sensors for other purposes

SPECIFICATIONS

Model	STR13-001
Capacity	1.5 L
Stirring Positions	1
Speed Range	300-2000 prm
Permissible Ambient Temperature	5-40°C
Humidity	80%RH
Work Plate Size	Φ120 mm
Stirrer Dimension	40 mm
Platform Material	PET
Motor Type	Brushless DC motor
Protection Class	IP21
Overall Dimension	150Wx145Dx50H mm
Weight	0.3 kg
Power	7.2 W
Power Supply	100-120/200-240 V, 50/60 Hz

STR11-250 MINI MAGNETIC STIRRER

Distinct designed. Small and exquisite. Simple operation.
Long using life with no carbon brush motor.
Speed regulation stepless, large range of speed.
Strong magnetism to avoid stirrer jumping.
Convenient and portable.
Meet different kinds of experimental demands.

SPECIFICATIONS

Model	STR11-250
Capacity	Max. Capacity-250 ml
Speed Range	0-2500 RPM
Platform Material	Plastic
Platform size	φ88 mm
Stirrer Dimension	8x46 mm
Motor Input/output	1.2W/0.8W
Dimension	110x110x70 mm
Weight	1.2 Kg
Power	<12W
Power Supply	DC12V 1A

STR16-020 MAGNETIC STIRRER

Speed range of 0-1500 rpm
Max. stirring quantity 20L
Stainless steel with ceramic coated hotplate resists to corrosion
Motor with electronic speed control, constant speed even during changes in load
High magnetic adhesion, prevent the stirrer bar escape
Enclosed assembly with protection class IP42 and
DC brushless motor guarantees long service

SPECIFICATIONS

Model	STR16-020
Capacity	20 L
Speed Range	0~1500 rpm
Temperature	5-40°C

Humidity	0.8
Motor Input/output	18W/10W
Work Plate Size	135 mm
Stirrer Dimension	80 mm
Platform Material	Stainless steel with ceramic coating
Speed Display	Scale
Motor Type	Brushless DC motor
Protection Class	IP42
Dimension	160x280x85 mm Package Size (WxDxH)-210x345x160 mm
Weight	3 kg
Power	30 W
Power Supply	AC100/200V±10%, 50/60Hz

STR15-020 MAGNETIC STIRRER

Speed range of 100-1500 rpm
Max. stirring quantity 3L
LED display set and actual speeds
Microprocessor control technology guarantees speed control accuracy
ABS casing with fire retardant material, resistance of weak acid and alkali

SPECIFICATIONS

Model	STR15-020
Capacity	20 L
Speed Range	100~1500 rpm
Temperature	5-40°C
Humidity	0.8
Motor Input/output	5W/3W
Work Plate Size	135 mm
Stirrer Dimension	50 mm
Platform Material	Plastic
Speed Display	LED
Motor Type	DC motor
Protection Class	IP42
Dimension	150x260x80 mm Package Size (WxDxH)-220x295x180 mm
Weight	2 kg
Power	15 W
Power Supply	AC100/200V±10%, 50/60Hz

STR12-003 MAGNETIC STIRRER

Speed range of 0-1500 rpm
Maximum stirring quantity 3L
ABS casing with fire retardant material, resistance of weak acid and alkali

SPECIFICATIONS

Model	STR12-003
Capacity	3 L
Speed Range	0~1500 rpm
Temperature	5-40°C
Humidity	0.8
Motor Input/output	5W/3W
Work Plate Size	135 mm
Stirrer Dimension	50 mm
Platform Material	Plastic
Speed Display	Scale
Motor Type	DC motor
Protection Class	IP42
Dimension	150x260x80 mm Package Size (WxDxH)-220x295x180 mm
Weight	2 kg
Power	10 W
Power Supply	AC100/200V±10%, 50/60Hz

STR17-010 MAGNETIC STIRRER

Speed range of 0-1500 rpm
Maximum stirring quantity 10 L
Glass ceramic plate, excellent chemical resistance and easy to clean

SPECIFICATIONS

Model	STR17-010
Capacity	10 L
Speed Range	0-1500 rpm
Temperature	5-40°C

STR14-008 MAGNETIC STIRRER

Speed range of 15-1500rpm
Automatic reverse rotation for better mixing result
High IP protection class (IP 65)
Set-up plate is made from chemically resistant materials
Slip-proof and stable

SPECIFICATIONS

Model	STR14-008
Capacity	0.8 L
Speed Range	15-1500 rpm
Temperature	5-40°C
Humidity	Permissible Relative Humidity-0.8
Motor Input/output	5W/3W
Maximum Load Capacity	2 kg
Work Plate Size	90x90 mm
Platform Material	ABS
Protection Class	IP65
Dimension	175x120x15 mm
Weight	0.3 kg
Power Supply	110-240V, 50/60 Hz

STR48-1200 MAGNETIC STIRRER

PID for temperature control. Two display windows. High precision measurement. Low overshoot(≤±5°C). Single button operation

Inner and outer PT1000 for thermometry. Semiconductor technology control output. With couple broken protection function

Stirring types are available for heating or stirring standard/non-standard reaction flasks from 50ml to 20L

DC brushless motor makes stable operation, low noise, long using life and no spark

Using specially made ceramic disc heating surface, beauty, anti-corrosion and easy to clean

30 ° slope control panel, suitable for seated and standing point of view.

Adopt metal shell, high strength, quick heat dissipation, anti - corrosion

Unique heating method, the surface maximum temperature can reach 340°C

Magnetic stirring technology, low speed steady, high speed strong

SPECIFICATIONS

Model	STR48-1200
Capacity	Max. Stir Capacity-20 L
Temperature	Temp. Range-R.T.+5°C~340°C Temp. setting range-30°C~340°C Temp. Stability-±3°C
Speed Range	200~1200 rpm
Time Range	0~99h59 min
Stirring Positions	1
Max. Size of Stirrer Stick	80 mm
External Interface Temp. Sensor	PT1000
Adjustable Safety Loop Min Temp	50°C
Adjustable Safety Loop Max Temp	350°C
Dimension	160x270x90 mm (WxDxH)
Weight	2.3 Kg
Fuse	250V,4A/8A, φ5x20
Platform size	Φ137 mm
Platform Material	Enamel
Power	600 W
Power Supply	AC220V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name
3300507005	Support rod and temperature probe

STR48-1800 MAGNETIC STIRRER

PID for temperature control. Two display windows. High precision measurement. Low overshoot(≤±5°C). Single button operation

Inner and outer PT1000 for thermometry. Semiconductor technology control output. With couple broken protection function

Stirring types are available for heating or stirring standard/non-standard reaction flasks from 50ml to 20L

DC brushless motor makes stable operation, low noise, long using life and no spark

Using specially made ceramic disc heating surface, beauty, anti-corrosion and easy to clean

30 ° slope control panel, suitable for seated and standing point of view.

Adopt metal shell, high strength, quick heat dissipation, anti - corrosion

Unique heating method, the surface maximum temperature can reach 340°C

Magnetic stirring technology, low speed steady, high speed strong

TP-350+ , 10 programs can be preset

TP-350+ Adopts 4.3-inch color screen holographic display, which is convenient and intuitive

SPECIFICATIONS

Model	STR48-1800
Capacity	Max. Stir Capacity-20 L
Temperature	Temp. Range-R.T.+5°C~340°C Temp. setting range-30°C~340°C Temp. Stability-±3°C
Speed Range	80~1800 rpm
Time Range	1min~99h59 min
Stirring Positions	1
Max. Size of Stirrer Stick	80 mm
External Interface Temp. Sensor	PT1000
Adjustable Safety Loop Min Temp	50°C
Adjustable Safety Loop Max Temp	350°C
Dimension	160x270x90 mm (WxDxH)
Weight	2.4 Kg
Fuse	250V,4A/8A, φ5x20
Platform size	Φ137 mm
Platform Material	Enamel
Power	600 W
Power Supply	AC220V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name
3300507005	Support rod and temperature probe

STR48-1500 MAGNETIC STIRRER

Ultra-light and Ultra-thin, easy to store and save laboratory space

Advanced non-wearing magnetic coil technology, quieter and more stable operation,

longer service life.

Can use mobile power supply, convenient for outdoor use, not limited by experimental conditions

Counter clockwise and clockwise counter clockwise stirring functions can be switched to make

the stirring more uniform and meet a variety of experimental needs.

The LCD screen displays the parameters in real time, the LED indicator shows the working status, and the instrument running status is more intuitive.

Touch buttons and sliding touch adjustment, durable, novel and stylish.

Dust and water proof, high protection level (IP65).

SPECIFICATIONS

Model	STR48-1500
Capacity	Max. stirring amount (H_2O)-1 L
Speed Range	20 ~ 1500 rpm
Time Range	0 ~ 9hours (0 is forever)
Speed Display	LCD
Platform Material	PVC
Platform size	φ110
Clockwise/counter clockwise stirring intermittent time (except single direction stirring)	45s/5s
Dimension	110x180x14.5 mm
Weight	0.18 Kg
Power Supply	DC 5V 2A
Protection Class	IP rating-IP63

STR48-1600 MAGNETIC STIRRER

Can stir 50ml-20L standard or non-standard reaction bottles

Equipped with silicone pad upon the working surface, the shell is made of metal, high strength, high temperature resistance, corrosion resistance

Brushless DC motor, stable performance, low noise, long life and no sparks

Exquisite and compact design of the whole machine, 30° bevel control panel is suitable for sitting and standing viewing angles

Digital display speed and time

High magnetic flux design, strong mixing ability, adopt no motor drive mode, low noise

SPECIFICATIONS

Model	STR48-1600
Capacity	Max. Stirring Volume-20 L
Max. Size of Stirrer Stick	80 mm
Stirring Positions	1

Time Range	0~99h59 min
Speed Range	200~1600 rpm
Platform size	Φ137 mm
Platform Material	Silicone pad
Dimension	160x270x70 mm (WxDxH)
Weight	1.88 kg
Power	20 W
Fuse	250V, 1A, φ5x20
Power Supply	AC220V 50/60Hz

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