

Instruments



PROGRAMMED
FOR PRECISION

STAINLESS STEEL TOP

Magnetic Stirrer with Hotplate - Analog

- Aluminium Moulded Body
- Easy to operate temperature & Stir controls
- Installed with double Safety PT sensor for fail safe operation
- Large top plate to assist beakers upto 2000 ml
- High magnetic strength.
- Electronic variable speed control with Knob
- Electronic variable temperature control with knob
- Temperature reached Indicator, To ensure correct temperature of plate surface.
- Stirring & temperature indicators
- inbuilt error indicators for heat & Stir function
- Hot top warning indicator for temperature >50°C

Item Code	Volt	Hz	Watts	Top Plate
700.AG.01	230	50	650	Polished Stainless Steel
710.AG.01	230	50	650	SS Ceramic Coated
610.AG.01	230	50	650	Aluminum Ceramic Coated
700.AG.02	115	60	650	Polished Stainless Steel
710.AG.02	115	60	650	SS Ceramic Coated
610.AG.02	115	60	650	Aluminum Ceramic Coated



700.AG



Buy Now!

Technical Specification :

Heating Mantle Material	: Stainless Steel 304 Grade/ Ceramic Coated
Dimension of heating plate	: 150 Ø
Speed range	: 50-1600 RPM
Maximum stirring bar Length	: Can use upto 80 mm bar (at lower speed)
Temperature Range	: Ambient to 350°C approx
Dimensions of hot plate body	: 273x160x102mm
Weight of body	: 2.8 kgs
Permissible ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
IP Class	: 22

SS. CERAMIC COATED



710.AG

Included Accessory:

Cat. No.	Accessories
850.800.02	Magnetic Stirring bar 35 mm x 9 mm



Temp Control
Variable upto 350°C

RPM
1600 RPM

Plate Size
150mmØ

Vessel Capacity
upto 2L Beakers

Plate Material
SS 304 Grade

CERAMIC COATED STAINLESS STEEL TOP

Magnetic Stirrer with Hotplate - Digital

- Aluminium Moulded Body
- Ceramic coated top plate, chemically resistant and scratch resistant.
- Even heat distribution.
- Large top plate to assist beakers upto 2000 ml.
- Single multi-turn intelligent knob Operation.
- High magnetic strength.
- Digital set up with independent displays.
- Selection of Celsius or Fahrenheit.
- Selection of hot plate or probe temperature control.
- Settable safety cut-off for maximum temperature limit for top plate or probe.
- Installed with double PT sensors for safety & fail safe operating mechanism.
- Hot top indicator for temperature above 50°C even when switched off.
- Inclusive PT 100 temperature sensors probe.
- Digital setup of RPM with independent display.
- Digital setup of time with independent display.
- Count-up indication of minutes and hours
- Audible alarm at time cycle end for safety and ease of unsupervised operation.
- Error code display for failures.



900.DG

Item Code	Volt	Hz	Watts	Top Plate
800.DG.01	230	50	650	Polished Stainless Steel
900.DG.01	230	50	650	SS Ceramic Coated
800.DG.02	115	60	650	Polished Stainless Steel
900.DG.02	115	60	650	SS Ceramic Coated



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Included Accessories:

Item Code	Accessories
850.800.01	Rod Stainless Steel length 400 mm, Ø 12 mm
850.800.02	Magnetic Stirring bar 35 mm x 9 mm
850.800.03	Moulded PT 100 sensor probe
850.800.04	Boss head

POLISHED SS



800.DG

Technical Specifications

Heating Plate material	: Ceramic Coated Stainless Steel
Dimension of heating plate	: Ø 150mm
Three display windows for	: Temperature, RPM and Time
Speed Range	: 50-1500 RPM
Maximum stirring bar length	: Can use upto 80mm bar (at lower speed)
Temperature range	: Ambient to 350°C
Adjustable safety cut off	: 50-400°C
Control accuracy of PT100	: ± 1k
Dimensions of hot plate body	: 273x160x102mm
Weight of body	: 3.3 kgs
Permissible ambient temperature	: 5-40°C
Permissible relative moisture	: 80%
RS 232 interface	: Yes (For Programming)
IP Class	: 22



Temp
upto 350°C

RPM
50-1500 RPM

Plate Size
150mmØ

Vessel Capacity
upto 2L Beakers

Plate Material
SS 304

ALUMINIUM ALLOY CERAMIC COATED TOP

Magnetic Stirrer with Hotplate - Digital

- Aluminium Moulded Body
- Ceramic coated plate alloy, chemically resistant
- Even heat distribution.
- Large top plate to assist beakers upto 2000 ml.
- Single multi-turn intelligent knob Operation.
- High magnetic strength.
- Digital set up with independent displays.
- Selection of Celsius or Fahrenheit.
- Selection of hot plate or probe temperature control.
- Settable safety cut-off for maximum temperature limit for top plate or probe.
- Installed with double PT sensors for safety & fail safe operating mechanism.
- Hot top indicator for temperature above 50°C even when switched off.
- Inclusive PT 100 temperature sensors probe.
- Digital setup of RPM with independent display.
- Digital setup of time with independent display.
- Count-up indication of minutes and hours
- Audible alarm at time cycle end for safety and ease of unsupervised operation.
- Error code display for failures.
- Top plate Ø 145 mm to assist beaker upto 2000 ml & Adapter.
- Compatible for use with all major brands top assemblies 1 Cavity, 3 Cavities or Multiple Cavities.



610.DG

Item Code	Volt	Hz	Watts	Top Plate
610.DG.01	230	50	650	Aluminum Ceramic Coated
610.DG.02	115	60	650	Aluminum Ceramic Coated



Buy Now!

Included Accessories:

Item Code	Accessories
850.800.01	Rod Stainless Steel length 400 mm, Ø 12 mm
850.800.02	Magnetic Stirring bar 35 mm x 9 mm
850.800.03	Moulded PT 100 sensor probe
850.800.04	Boss head

Item Code	Accessory (Aluminum Adapter for Round Bottom Flasks) Flask Capacity (ml)	Places
610.ADP00	10 ml	8
610.ADP01	25 ml	7
610.ADP02	50 ml	4
610.ADP03	100 ml	1

Technical Specifications

Heating Plate material	: Aluminium Alloy with Ceramic Coating
Dimension of heating plate	: Ø145 mm
Three display windows for	: Temperature, RPM and Time
Speed Range	: 50-1500 RPM
Maximum stirring bar length	: upto 80mm bar (at lower speed)
Temperature range	: Ambient to 350°C
Adjustable safety cut off	: 50-400°C
Control accuracy of PT100	: ± 1k
Dimensions of hot plate body	: 273x160x102mm
Weight of body	: 3.3 kgs
Permissible ambient temperature	: 5-40°C
Permissible relative moisture	: 80%
RS 232 interface	: Yes (For Programming)
IP Class	: 32



Temp
350°C

RPM
50-1500 RPM

Plate Size
145mmØ

Vessel Capacity
upto 2L Beakers

Plate Material
Aluminium Alloy Ceramic Coated

GLASS CERAMIC TOP CeraClick-System™ Magnetic Stirrer with Hotplate

- Aluminium Moulded Body
- Highly scratch and chemical resistant Ceramic Glass Top.
- Thermal insulation for cool body operation.
- Digital set up temperature controller with independent display.
- Inclusive PT 100 temperature sensors probe.
- Installed with double PT sensors for safety & fail safe operating mechanism.
- Hot top indicator for temperatures above 50°C even when switched off.
- Large top plate to assist beaker upto 5000 ml.
- Selection of Celsius or Fahrenheit.
- Selection of hot plate or probe temperature.
- Error code display for failure.
- Independent display for RPM and Temperature.
- High Magnetic strength.
- Single multi-turn intelligent knob operation.
- DIN connector for external temperature probe.



500.AG

Item Code	Volt	Hz	Watts
500.AG.01	230	50	1300
500.AG.02	115	60	1300



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Included Accessories:

Item Code	Accessories
550.500.01	Rod Stainless Steel length 500 mm, Ø 12 mm
550.500.02	Magnetic Stirring bar 25 mm x 8.25 mm
550.500.03	PT 100 sensor probe
550.500.04	Clamp with Boss head

Extra Accessories:

Item Code	Accessories
550.500.05	Glass Ceramic top plate
550.500.06	Knobs

Technical Specification :

Heating Plate material	: Glass Ceramic white square plate
Dimension of heating plate	: 175 mm x 175 mm
Two display windows for	: Temperature and RPM
Speed Range	: ~2000 RPM
Heat Output	: 1300 W
Temperature range	: Ambient to 550°C
Adjustable safety cut off	: 580°C
Control accuracy of sensor	: ± 1k
Weight of body	: 5.8 kgs
Permissible ambient temperature	: 5 - 40°C
Permissible relative moisture	: 80%
USB Port	: Yes (For Programming)
Dimensions of hot plate body	: 378x220x103
IP Class	: 21

A) Innovative Spill away (Patent Pending) :



Backward Spillage

B) Innovative CeraClick-System™ (Patent Pending): Replacing of Glass Ceramic Plate



Video Manual



Temp
upto 550°C

RPM
upto 2000 RPM

Plate Size
175x175mm

Vessel Capacity
upto 5L Beakers

Plate Material
Glass Ceramic
White Square Plate

3 POSITION MAGNETIC STIRRER WITH HOTPLATE *New*

- Three independently controlled stirring/heating positions
- Powerful magnets for strong magnetic coupling
- Easy to operate temperature & Stir controls
- Installed with double PT sensors for safety & fail safe operating mechanism.
- Hot top indicator for temperatures above 50°C for each position
- Electronic variable speed control with Knob
- Electronic variable temperature control with knob
- Temperature reached Indicator, To ensure correct temperature of plate surface
- Stirring & temperature indicators
- Inbuilt error indicators for heat & Stir function



713.AG.01

Item Code	Volt	Hz	Watts	Top Plate
713.AG.01	230	50	(450x3) 1350	SS
713.AG.02	115	60	(450x3) 1350	SS



[Buy Now!](#)

Technical Specification :

Heating plate material	: Stainless Steel
Dimension of heating plate	: 150 Ø RPM
Volume cap.	: 3 x 2 L each position
Speed range	: 1600 RPM
Stirring position	: 3
Maximum stirring range	: Can use upto 80mm bar Lower speed
Maximum plate temperature	: 350 °C
Overall dimensions (w x d x h), mm	: 505 x 246 x 195 (LxWxH)
Plate dimensions, mm	: 504 x 175 x 30 (LxWxH)
Net weight, kg	: 7.0 kg (Approx.)
Permissible ambient temperature	: 5-40 °C
Permissible relative humidity	: 80%
IP Class	: 21



[Video Manual](#)



Temp
350°C

RPM
0-1600 RPM

No. of Positions
3

Vessel Capacity
2 L (each position)

Material
Stainless Steel

5-POSITION DIGITAL MAGNETIC STIRRER WITH HEATING



411.DG.01



- Metallic Construction
- Designed for synchronous heating and stirring
- Suitable for continuous operation
- Silicone surface for anti-skid.
- The magnetic coil technology motorless provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Timer function
- Clockwise, anticlockwise stirring
- Constant stirring speeds even with viscosity changes
- SPC-mode for a low self-warming of the surface
- Error code display

Model No.	V	W	Hz
411.DG.01	230	220	50
411.DG.02	115	220	60

5-POSITION MAGNETIC STIRRER WITH HEATING



410.AG.01



- Metallic Construction
- Simultaneously operating stirrers
- Consistent heating and stirring
- Silicone surface for anti-skid
- Homogeneous temperature distribution across the heating plate
- Narrow foot print for space saving
- High magnetic strength
- Knob for electronic variable speed adjustment
- Knob for electronic variable temperature adjustment
- BLDC motor for long maintenance free operation

Item Code	Volt	Hz	Watts
410.AG.01	230	50	220
410.AG.02	115	60	220

Technical Specification

	411.DG	410.AG
Set-up plate material	: Silicone and Aluminium	Silicone and Aluminium
Number of stirring positions	: 5	5
Stirring position distance	: 90 mm	90 mm
Speed range	: 0 - 1000 rpm	0 - 1200 rpm
Speed control	: 10 RPM Steps	-
Stirring quantity max. per stirring position (H ₂ O)	: 400 ml	250 ml (each position)
Stirring bar length min.	: 25mm	25 mm
Stirring bar length max.	: 30mm	30 mm
Heating temperature range	: Room temp. - 120°C	Room temp. - 120°C
Control display	: LED	-
Input Type	: Touch Key	Knob
Adjustable safety circuit min.	: 50°C	-
Adjustable safety circuit max.	: 130°C	-
Timer range	: 00:01 to 99:59 [HH: MM]	-
Set-up plate dimensions	: 514x122mm	470x128mm
Dimensions (W x H x D)	: 600 x 120 x 80 mm	554 x 126 x 75 mm
Weight	: 4.5 (Approx.)	3 kgs
Permissible ambient temperature	: 5 - 40 °C	5 - 40 °C
Permissible relative humidity	: 80 %	80 %
Protection class according to DIN EN 60529	: IP40	IP42



Included Accessories:

Cat. No.	Accessories
1500.150.02	(5) Magnetic Stirring bar 25 mm x 9 mm

15-POSITION DIGITAL MAGNETIC STIRRER *New*

- Metallic Construction
- Designed for synchronous heating and stirring
- Suitable for continuous operation
- Silicone surface for anti-skid.
- The magnetic coil technology motorless provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Timer function
- Clockwise, anticlockwise stirring
- Constant stirring speeds even with viscosity changes
- SPC-mode for a low self-warming of the surface
- Error code display



415.DG.01

Item Code	Volt	Hz	Watts
415.DG.01	230	50	750
415.DG.02	115	60	750



Buy Now!

Included Accessories:

Item Code	Accessories
1500.150.02	Magnetic Stirring bar 25 mm x 9 mm

Technical Specification :

Set-up plate material	: Silicone and Aluminium
Number of stirring positions	: 15
Stirring position distance	: 90 mm
Speed range	: 0 - 1000 rpm
Speed control	: 10 RPM Steps
Stirring quantity max. per stirring position (H ₂ O)	: 400 ml
Stirring bar length min.	: 25mm
Stirring bar length max.	: 30mm
Heating temperature range	: Room temp. - 120°C
Control display	: LED
Input Type	: Touch Key
Adjustable safety circuit min.	: 50°C
Adjustable safety circuit max.	: 130°C
Timer range	: 00:01 to 99:59 [Hour: Minute]
Set-up plate dimensions	: 274x504mm
Dimensions (W x H x D)	: 281x81x609mm
Weight	: 11 Kg (Approx.)
Permissible ambient temperature	: 5 - 40 °C
Permissible relative humidity	: 80 %
Protection class according to DIN EN 60529	: Ip40



Temp
120°C

RPM
0-1000 RPM

No. of Positions
15

Vessel Capacity
400 ml (each position)

Material
Silicone &
Aluminium

HEATING MANTLE

- Aluminium Alloy body, Small footprint
- Variable knob for heat power control with on/off.
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Inbuilt protection from liquid spill
- Easy maintenance

Item Code (230V, 50Hz)	Item Code (115V, 60Hz)	Capacity (ml)	Watts	Dimension
1000.EU.01	1000.US.01	50	150	180x175
1000.EU.02	1000.US.02	100	150	180x175
1000.EU.03	1000.US.03	250	150	190x175
1000.EU.04	1000.US.04	500	200	200x175
1000.EU.05	1000.US.05	1000	300	235x175
1000.EU.06	1000.US.06	2000	450	290x200
1000.EU.07	1000.US.07	3000	450	310x200
1000.EU.08	1000.US.08	4000	450	370x200
1000.EU.09	1000.US.09	5000	600	370x200
1000.EU.10	1000.US.10	6000	600	470x230
1000.EU.11	1000.US.11	10000	1200	550x230
1000.EU.12	1000.US.12	20000	1800	610x330

Technical Specifications

Heating Mantle Body	: Made of Aluminium Alloy
Heating Mantle Material	: Glass Fibre Yarn
Mantle Capacity	: To hold standard Round Bottom Flasks upto 20000ml
Temperature Range	: Approx. 400°C
Heating Control	: Electronic power regulator
Permissible Ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
IP Class	: 10



1000.EU



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Liquid Spill Protection

*For lower volumes only.



Temp
upto 400°C

Mantle Capacity
50 - 20000ml

Heating Mantle Material
Glass Fibre Yarn

HEATING MANTLE WITH STIRRER

- Aluminium Alloy body, Small footprint
- Variable knob for heat power control with on/off
- Variable Knob for stir speed control with on/off
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Inbuilt protection from liquid spill
- Easy maintenance

Heating Mantle with Stirrer

Item Code (230VAC, 50Hz)	Item Code (115V, 60Hz)	Capacity (ml)	Watts	Dimension
1500.EU.01	1500.US.01	100	170	180x195
1500.EU.02	1500.US.02	250	170	180x195
1500.EU.03	1500.US.03	500	220	200x190
1500.EU.04	1500.US.04	1000	320	235x220
1500.EU.05	1500.US.05	2000	470	290x240
1500.EU.06	1500.US.06	3000	470	310x240
1500.EU.07	1500.US.07	4000	470	370x250
1500.EU.08	1500.US.08	5000	620	370x250



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1500.EU

Included Accessories:

Item Code	Accessories
1500.150.02	Magnetic Stirring bar 20 mm x 8 mm



Buy Now!

*For soxhlet extraction apparatus, available on page no. 116

Technical Specifications

Heating Mantle Body	: Made of Aluminium Alloy
Heating Mantle Material	: Glass Fibre Yarn
Mantle Capacity	: To hold standard Round Bottom Flasks upto 5000ml
Variable Speed Range	: Approx. upto 750 RPM
Temperature Range	: Approx. 400°C
Heating Control	: Electronic power regulator
Speed Control	: Electronic regulator
Permissible Ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
IP Class	: 10



Liquid Spill Protection

*For lower volumes only.



Temp
upto 400°C

RPM
upto 750 RPM

Vessel Capacity
100-5000ml

Mantle Material
Glass Fibre Yarn

HEATING MANTLE COMBINED UNIT WITH STIRRER 3 POSITION *New*

- Heating Mantle Combined unit made of M. steel
- Variable knob for heat power control with on/off.
- Variable Knob for stir speed control with on/off.
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Easy maintenance
- Single position also available with Metallic Stand 1600.EU

Model No. (230V, 50Hz)	Model No. (115V, 60Hz)	Capacity (ml)	Watts	No. of Position of regulator
2500.EU.01	2500.US.01	100	510	3/3
2500.EU.02	2500.US.02	250	510	3/3
2500.EU.03	2500.US.03	500	660	3/3



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2500.EU

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod Stainless Steel length 542 mm, Ø 9.8 mm
2000.200.02	Horizontal Rod Stainless Steel length 972 mm, Ø 9.8 mm
2000.200.03	5 Boss Head
2000.200.04	3 Clamp

Optional Glass Accessories available on page no. 116



Buy Now!

SINGLE SOXHLET EXTRACTION WITH STIRRER

Extraction unit metal stand with heating mantle stirrer

Model No. (230V, 50Hz)	Model No. (115V, 60Hz)	Capacity (ml)	Watts	No. of Position of regulator
1600.EU.01*	1600.US.01	100	170	1/1
1600.EU.02*	1600.US.02	250	170	1/1
1600.EU.03*	1600.US.03	500	220	1/1

Technical Specifications :

Heating Mantle Body	: Made of M. Steel
Heating Mantle Material	: Glass Fibre Yarn
Mantle Capacity	: To hold standard Round Bottom Flasks upto 500 ml
Valuable Stirring speed	: 750 RPM
Temperature Range	: Approx. 400°C
Heating Control	: Electronic power regulator
Stir Control	: Electric regulator
Dimension	: 495x246x200
Permissible Ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
IP Class	: 10



1600.EU



Temp
400°C

Mantle Capacity
100 - 500ml

Places
3

Heating Mantle Material
Glass Fibre Yarn

HEATING MANTLE COMBINED UNIT WITH STIRRER 3 POSITION & 6 POSITION

- Heating Mantle Combined unit made of M. steel
- Variable knob for heat power control with on/off
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Easy maintenance
- Single position also available with Metallic Stand 1100.EU



2000.EU

Model No. (230V, 50Hz)	Model No. (115V, 60Hz)	Capacity (ml)	Watts	No. of Position of regulator
2000.EU.01	2000.US.01	100	180	3/3
2000.EU.02	2000.US.02	250	450	3/3
2000.EU.03	2000.US.03	500	600	3/3
2000.EU.04	2000.US.04	100	360	6/6
2000.EU.05	2000.US.05	250	900	6/6
2000.EU.06	2000.US.06	500	1200	6/6



Buy Now!

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod Stainless Steel length 542 mm, Ø 9.8 mm
2000.200.02	Horizontal Rod Stainless Steel length 972 mm, Ø 9.8 mm
2000.200.03	8/5 Boss Head
2000.200.04	6/3 Clamp

Optional Glass Accessories available on page no. 116



Buy Now!

SINGLE SOXHLET EXTRACTION UNIT

Extraction unit metal stand with heating mantle

Model No. (230V, 50Hz)	Model No. (115V, 60Hz)	Capacity (ml)	Watts	Dimension	No. of Position of regulator
1100.EU.02	1100.US.02	100	150	280x210x520	1/1
1100.EU.03	1100.US.03	250	150	280x210x520	1/1
1100.EU.04	1100.US.04	500	200	280x210x520	1/1

Technical Specifications :

Heating Mantle Body	: Made of M. Steel
Heating Mantle Material	: Glass Fibre Yarn
Mantle Capacity	: To hold standard Round Bottom Flasks upto 500 ml
Temperature Range	: Approx. 400°C
Heating Control	: Electronic power regulator
Dimension of body	: 971 x 246 x 160
Permissible Ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
IP Class	: 10



1100.EU



Temp
400°C

Mantle Capacity
100 - 500ml

Places
3 & 6

Heating Mantle Material
Glass Fibre Yarn

DIGITAL OVERHEAD STIRRER *New*

Product Features

- Independent LED display for RPM & Torque real time
- User Friendly
- Accurate display of actual & set value
- Adjustable torque for viscous sample
- Brushless DC motor
- Protects from spillage
- Liquid cannot reach internal components due to front safeguard
- Audible alarm for error conditions
- Effective stirring provides clock wise & anti clock wise stirring modes
- Prominent used in chemical synthesis, pharmaceuticals, physical & chemical analysis, petrochemical, cosmetics, health products, foods, biotechnology & so on



6000.EU.01

Item Code	Volt	Hz	Watts
6000.EU.01	230	50	130
6000.US.01	115	60	130



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Technical Specification :

Body Material	: Aluminum & ABS
Display Window	: RPM & Time
Speed Range	: 50-2200RPM
Speed Control Accuracy	: ± 3 RPM
Speed Display Accuracy	: ± 1 RPM
Max. Viscosity	: 50000 mPas
Max. Torque	: 60NCM
Time Range	: 30~999Min
Max. Stir Capacity (HQ)	: 40L
Drill Check Dia Range	: 0.5~10mm
Dimension (WxDxH)	: 83 x 220 x 180mm



ROLLER MIXER *New*

Product Features

- Efficient Rolling and swinging motion for mixing blood samples, Liquid solid suspension & various substance
- Digital set-up for RPM & time with independent LED display
- Maximum stirring speed upto 80RPM
- Seven rollers with small foot print & easy cleaning
- Brushless DC motor
- Compatible for use with wide range of tubes
- Used for prevention of blood coagulation and immune precipitation etc



4000.EU.01

Item Code	Volt	Hz	Watts
4000.EU.01	230	50	50



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Technical Specification :

Mixer Body Material	: Plastic
Operation Mode	: Rolling & Swinging
Amplitude	: 24mm
Roller Quantity	: 7
Speed Range	: 10-80RPM
Speed Unit	: 1RPM
Roller Length	: 280mm
Motor	: brushless DC motor
Dimension (DxWxH)	: 500 x 280 x 120mm
Max. Capacity	: 4kgs
Weight of Body	: 6kg
Voltage	: AC100-240 50-60Hz
Power	: 50W



MINI CENTRIFUGE *New*

Product Features

- Patented high tech motor causes low working noise
- Produce low vibration with advanced shock absorbers
- Compact design and can carry higher volume of 2 ml x 8 places
- Easy replacement of rotor
- Maximum relative centrifugal force upto 3260G
- Fast Stopping in 15 seconds with cover breaking time of 3 seconds.
- Spatial rotation for 360° are shape, low windage resistance with slow temperature increase
- Filtration & voltage regulation function makes smooth running of unit & causes low rotation difference.



Item Code	Volt	Hz
5000.EU.01	230	50



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Included Accessories Rotor Selection :

Item Code	Accessories
5000.303.01	2ml x 8, 0.5ml, 0.2ml adapter each 8 pcs
5000.303.02	2ml x 8, 8 x 0.2ml tubes strip x 2 rows

5000.EU.01

Technical Specification :

Body Material	: Main Frame : ABS, Cover : PC, Adapter : PP, Absorber : NBR, Roller : ABS
Speed Range	: 4000-7000 RPM
RCF	: 810~3260xg
Rotor types	: Rotor, 2ml x 8 and 0.2ml x 8, 0.2ml x 8 tubes strip x 2 rows
Max. Capacity	: 2ml x 8
Dimension (WxDxH)	: 174x157x130mm
Speed Control type	: Constant speed
Driving Speed	: Direct drive/vibration
Brake System	: Dynamic
Acceleration Time	: 90% speed in 5 seconds
Deceleration Time	: Cover closed within 15 seconds, cover opens within 6 seconds



ORBITAL SHAKER *New*

Product Features

- Compact design
- Available with Flat platform (Cat. No. 3500.303.01)
- Built in DC brushless motor
- Microprocessor controlled
- User-Friendly
- Application in molecular biology, immunology, chemistry lab
- Low consumption
- Maximum stirring speed upto 300RPM
- Digital set up of RPM and time with independent LED display
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Silent and stable operation
- Compatible for use with various capacity conical flasks and different sample containers.



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Item Code	Orbital Shaker comes	Volt	Hz
3500.EU.01	with platform, Flat, Non-Slip Mat	230	50

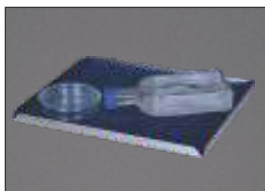
Technical Specification :

Shaker Body Material	: Plastic
Speed Range	: 50-300 RPM
Orbit	: 20 MM
Dimensions of Body	: 284 x 264 x 108 mm
Max. Loading Capacity	: 2.0kgs
Permissible ambient Temp.	: 5 - 45°C
Voltage	: AC 100 - 230V
Timing Range	: 1min - 99Hrs 59Min



General Optional Accessories

Platform, Flat, Non-Slip Mat



3500.303.01

Platform, Double



3500.303.02

Platform, Universal, with 3 secured bars



3500.303.03

Platform with clamps, 6 Places

(250ml)



3500.303.04

Platform with clamps, 12 Places

(100ml)



3500.303.05

Platform universal for tubes



3500.303.06