

NEUATION



NOTHING
BUT THE BEST

iStir 50/200L
High Capacity Magnetic Stirrer

iStir 50/200L

High Capacity Magnetic Stirrer

Finding the perfect stirrer for large volume mixing requirements is a big challenge when the market is saturated with below average products that are nothing but a failure waiting to happen. With half-baked hardware, unreliable software and weak motors, the existing devices are built to look appealing but their performance and durability cannot be trusted at all.

Expect nothing but the best from neuation with products that are designed and built from the ground-up with intensive in-house R&D. The 50L & 200L magnetic stirrers come equipped with top of the range features which deliver exceptional stirring performance even under high loads of 50L or 200L solutions. And with a choice of acceleration modes, no matter what your requirement, the device has the capacity to fulfill it. The software is designed around your convenience and ease-of-use with features like the Power Mode which starts the equipment automatically once the power is restored after power failure and runs the machine for the remaining amount of time. Convenience is complimentary with Neuation.



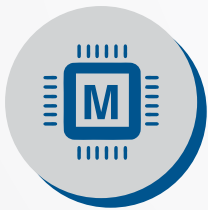
Product Features



200L & 50L capacity



Brushless DC motor for operation and maintenance free long operation



Microprocessor controlled unit for efficient performance even under high loads



Adjustable speed ranging from 100-1000 RPM (50L) & 100-600 RPM (200L) with increment of 1 RPM and accuracy of +/- 10 RPM

Long timer setting from 1 to 99 hours and 59 minutes & infinite mode



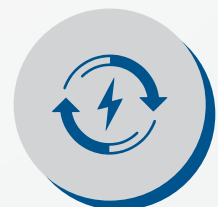
Pulse mode with alternating clockwise & counterclockwise motion for proper mixing of the solution



Choice of acceleration rates from A1 to A9



Power Mode feature in case of power failure the equipment starts operating automatically for remaining left time on resumption



Product Features



Power Overload
safety feature



Digital display for
added convenience



Stainless steel (SS)
set up plate for corrosion
protection



Optional feature of
adjusting the height of
the product



Available with
support frame for
holding vessel



Safe Low
Voltage Device



IP 21 class compliant
rating for enhanced
durability



Specifications

iStir 50L	
Motor Type	BLDC Motor
Max. Capacity	50 Liters
Variable Speed	100 - 1000 RPM
Run Time	1-99:59 mins & infinite
Ramp up Speed	User can select different Acceleration rates (A1-A9 with A9 being the fastest rate and A1 slowest)
Pulse Mode	Yes. Alternating clockwise and anticlockwise motion with 3 sec stop for better and thorough mixing.
Digital Display	Yes
Accuracy	+/- 10 RPM
Plate Dimensions (SS)	215 x 294 mm (L x W)
Input Voltage	240 V
Max. Stir bar length	80 mm
Protection class	IP 21
Structure frame size (With adjustable height)	504 x 500 x 130mm (L x W x H)

iStir 200L	
Motor Type	BLDC Motor
Max. Capacity	200 Liters
Variable Speed	100 - 600 RPM
Run Time	1-99:59 mins & infinite
Ramp up Speed	User can select different Acceleration rates (A1-A9 with A9 being the fastest rate and A1 slowest)
Pulse Mode	Yes. Alternating clockwise and anticlockwise motion with 3 sec stop for better and thorough mixing.
Digital Display	Yes
Accuracy	+/- 10 RPM
Plate Dimensions (SS)	215 x 294 mm (L x W)
Input Voltage	240 V
Max. Stir bar length	100 mm
Protection class	IP 21
Structure frame size (With adjustable height)	504 x 500 x 130mm (L x W x H)

Ordering information

iStir 50L		
Product Name	Cat #	Details
iStir 50L	MS03-2111 EU/US/UK/AU	50L Stirrer
Accessories		
Part Name	Cat #	Details
Magnetic Bar	MS03-B3	Magnetic Bar-80mm
Magnetic Bar	MS03-B4	Magnetic Bar-100mm

iStir 200L		
Product Name	Cat #	Details
iStir 200L	MS03-3111 EU/US/UK/AU	200L Stirrer
Accessories		
Part Name	Cat #	Details
Magnetic Bar	MS03-B4	Magnetic Bar-100mm

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PERFECTION
MEETS PRECISION

iStir MS10a
(Magnetic Stirrer 10 Liters)

iStir MS10a

(Magnetic Stirrer 10 Liters)

When looking for magnetic stirrers, users look for a device which delivers reliable performance and years of durability, but most manufacturers tend to oversell and under deliver which results in a frustrating experience for the user. Magnetic stirrers come with promises of exceptional performance, quality components and high durability, but in just a short time, the reality becomes apparent. Users face grave issues like the top getting corroded or the motor is not powerful enough to stir large quantities of solutions, its speed remains low etc.

With detailed insights about the requirements and needs of users and their feedback of existing stirrers, the R&D department at Neuation came up with the design of iStir MS10a magnetic stirrer to develop a product that delivers high performance without compromising on flexibility or durability. With its Plastic Integrated SS Top surface, the device is extremely resistant to corrosion while its long lasting DC motor runs at top speed without needing much of a maintenance. The single knob operation makes the machine extremely convenient to use. The same motor is capable enough to stir large quantities of solutions at once for higher productivity and less wastage of time and effort.



Product Features



DC Motor For Quiet Performance And A Long Life.



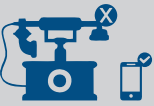
Stirring Capacity Up To 10 Litres



Variable Speed Setting From 400-2200 RPM.



Plug & play



Small Footprint Saves Valuable Bench Space And Also Makes It Suitable For Use In Hoods And Cold Room.

No corrosive SS top increases life of instrument



Non-slip Strength Rubber Feet For Maximum Stability Even At High-speeds.



IP42 Class Compliant Rating For Unmatched Durability.



Safe Low Voltage Device



Ուճագոյն ղրոյ ղ

Ուճագոյն ղրոյ ղ	ճրոյ ղ
Capacity	10 Litres
Motor Type	DC
Variable Speed	400 - 2200 RPM
Set-up plate dimensions	135 mm
Weight	1.5 kg
Dimension (WxDxH)	248 x 156 x 92 mm
Protection class	IP 42
Set-up plate material	Plastic Integrated SS Top Plate

Մոյոյն ղ Ե Եոյն ղրոյ

ճրոյ ղ		
Նոյնսար Լ_կ ղ	Ա_ր!	Եոյն ղ
iStir MS10a	HS20-2614 EU/US/AU/UK	Magnetic Stirrer

ղր_լ Ե_լոյն ? աոյոյն ղ	
Ն_ր Լ_կ ղ	Ա_ր!
Stir Bar	B1

NEUATION
TECHNOLOGIES

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NEUATION



MAKE WAY FOR
PERFECTION

iStir Uno/Quattro
(Motorless Slim Magnetic Stirrer)

iStir Uno/Quattro (Motorless Slim Magnetic Stirrer)

Magnetic stirrers come in all shapes and sizes, but ultimately performance and durability matter the most to users. As a result, most manufacturers of magnetic stirrers make tall claims of high performance, lasting durability and convenient features. But, users soon discover that such devices are made from low-quality components and materials to cut costs which results in major issues like corrosive top surface, wear and tear in motor coil, etc. Also, a lack of time saving and convenience features like timer function, clockwise & counterclockwise motion results in a less than satisfying experience for the user.

What use is an investment if it doesn't give good returns. With Neuation's extensive expertise in developing quality lab equipment, you get the benefits of a device which is built around your stirring requirements. With a dedicated R&D department focused on understanding user-experience and feedback, we designed and developed iStir Uno/Quattro for reliable performance and years of durability. With a motor-less design, the device offers exceptional performance without the hassle of maintenance. The stainless steel top surface of the device also offers excellent resistance against corrosion which time-saving features like variable timer setting and CC/CCW motion save your effort and time for higher productivity.



Product Features



Zero Moving Parts
Which Makes It Truly
Maintenance Free



IP65 Class Compliant
Rating Makes It
Water Spill Resistant.



Maximum Stirring
Capacity 800 MI (Uno)
/ 4 X 400 MI (Quattro)



Allows The User To Set
Speeds From 15-1500 Rpm
(istir Uno) And 15-1200
(istir Quattro) With
Increments Of 50 Rpm.

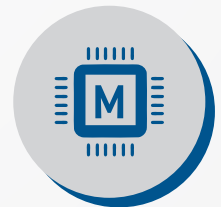
Variable Timer Setting
Allows The User To Set The
Timer From 1 To 99 Minutes
Along With An Infinite Mode.



Pulse Mode For Reversing
The Stirring Direction Every
30 Seconds For Complete And
Efficient Mixing Of The Solution.



Microprocessor Enables
Quick And Easy Setting
Of Parameters While Also
Providing Last Run Function



Digital Display Allows
The User To Gather All
The Relevant Information
In A Single Glance.



Product Features



Stainless Steel Top Surface
Provides Excellent Chemical
& Corrosion Resistance



Extremely Compact
Device Ensures High
Portability & Convenience.

PTFE Coated High-strength
Stir Bar Of 25 MM Length
For High Durability.



Specifications

Specifications	iStir Uno
Speed Setting	15 to 1500 RPM (at every 50 RPM)
Display	Digital Display
Max. Capacity	800 ml
Recommended Stir bar length	25 mm
Pulse Function	Yes
Timer	1 to 99 mins & infinite mode
Last run memory	Yes
Dimension (W X D X H)	156 x 110 x 13.2 mm
Weight	400 gm
Protection Class	IP 65

Specifications	iStir Quattro
Speed Setting	15 to 1200 RPM (at every 50 RPM)
Digital Display	Yes
Load Capacity	4 x 400 ml
Recommended Stir bar length	25 mm
Pulse Function	Yes
Timer	1 to 99 mins and continuous
Last run memory	Yes
Dimension (W X D X H)	457 x 126 x 13.4 mm
Weight	1.9 kg
Protection Class	IP 65

Ordering Information

iStir Uno		
Product Name	Cat #	Details
iStir UNO	MS01-1111 (Interchangable Pin)	Single station motorless stirrer

iStir Quattro		
Product Name	Cat #	Details
iStir Quattro	MS01-4110EU/US/UK/AU	4 station motorless stirrer

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SAY HELLO
TO EXPERTISE

iStir MS10
(Magnetic Stirrer)

iStir MS10 (Magnetic Stirrer)

When looking for magnetic stirrers, users look for a device which delivers reliable performance and years of durability, but most manufacturers tend to oversell and under deliver which results in a frustrating experience for the user. Magnetic stirrers come with promises of exceptional performance, quality components and high durability, but in just a short time, the reality becomes apparent. Users face grave issues like the top getting corroded or the motor is not powerful enough to stir large quantities of solutions, its speed remains low etc.

With detailed insights about the requirements and needs of users and their feedback of existing stirrers, the R&D department at Neuation came up with the design of iStir MS10 magnetic stirrer to develop a product that delivers high performance without compromising on flexibility or durability. With its Plastic Integrated SS Top surface, the device is extremely resistant to corrosion while its long lasting DC motor runs at top speed without needing much of a maintenance. The same motor is capable enough to stir large quantities of solutions at once for higher productivity and less wastage of time and effort.



Product Features



Stirring Capacity
Up To 10 Litres



Variable Speed Setting
From 200-2200 RPM With
Increments Of 10 Rpm



Variable Timer Setting
From 1 To 999 Minutes
Along With An Infinite Mode.



Powerful DC Motor
For Quite & Long Life
Performance

Microprocessor Controlled
For Efficient Performance
Even Under High Loads.



Digital Display Allows The
User To Gather All The Relevant
Information In A Single Glance.



Pulse Mode Function With
Run-pause-run Function For
Thorough Mixing Of Solutions.



No corrosive SS top
increases life of
instrument



Product Features



Closed Design Allows Easy Cleaning And Protects The Equipment From Accidental Spills.



Non-slip Strength Rubber Feet For Maximum Stability Even At High-speeds.



Compact Footprint Saves Valuable Bench Space And Also Makes It Suitable For Use In Hoods And Cold Room.

IP42 Class Compliant Rating For Unmatched Durability.



Safe Low Voltage Device



Specifications

Specifications	iStir MS10
Capacity	10 Litres
Variable Speed	200-2200 RPM
Run Time	1-999 mins & infinite mode
Pulse Mode	Yes, (Run - pause - Run Mode)
Digital Display	Yes
Weight	1.4 kg
Dimension	156 x 248 x 104 mm
Protection class	IP42
Setup plate material	Plastic integrated SS top plate

Ordering Information

iStir MS10		
	Cat #	Details
iStir MS 10	HS20-2314 EU/US/AU/UK	Magnetic Stirrer

Standard Accessories	
Part Name	Cat #
Stir Bar	B1

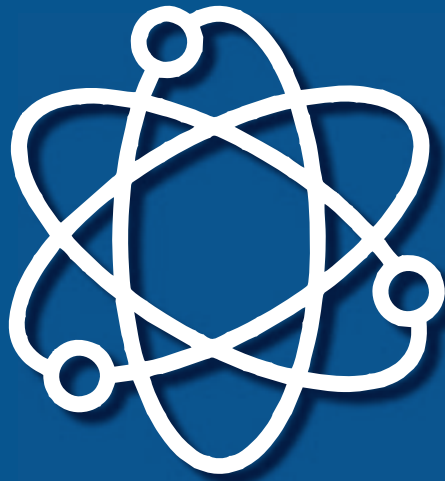
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GENIUS
OBJECTIFIED

iStir HP350/550 Prime
(Hot Plate Magnetic Stirrer)

iStir HP350/550 Prime (Hot Plate Magnetic Stirrer)

While working in a lab where a lot is riding upon your results, you just cannot afford a stirrer that doesn't give you uniform stirring motion. Sometimes low-quality equipment can deliver erratic stirring motion that leads to faulty readings and botches up your hard work. What you need is a quality so impeccable that you can rely on its smooth and precise movements.

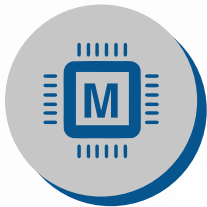
With Neuation's iStir HP350/550 Prime you get a uniform stirring motion ideal for creating homogenous mixtures or speeding up reactions. Its stunning range of 200 to 2200 RPM can tackle varying viscosity with precision and perfection.



Precision & Flexibility



Powerful Servo DC Motor
For Constant Speed Under
Varying Loads



Microprocessor Controlled
Efficient Performance.



Temperature Range From
Ambient To 350°C/550°C



Stirring Speeds From
200 To 2200 RPM



Huge Capacity Upto 20L

Digital Display For
Easy Viewing Of
Various Parameters



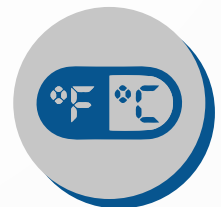
Timer Range: 1 To 999
Minutes & Infinite Mode



Programmable
Pulse Mode



Option Of Selecting
Either °C Or °F As
Temperature Units



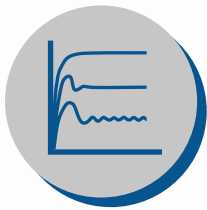
Ceramic Heating Plate
For Quick Heating &
Corrosion Resistance



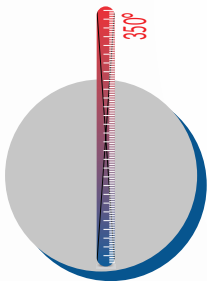
Precision & Flexibility



Highly Chemically Inert Composite Body



3 Intelligent Heating Modes To Suit Your Heating & Precision Requirements



Safe Temperature Setting Upto To 375°C/575°C



Programmed For Safety With Intelligent Over-temperature Control



Intelligent Over-temperature Control Switches Off The Hotplate

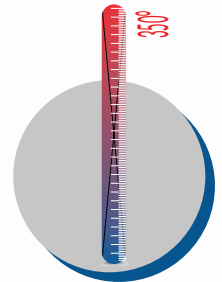
Auto-restart Mode Restarts The Hotplate After Power Is Restored With Same Parameters



Simple And Easy Setting Knob



PT-1000 Temperature Probe Accurately Measure The Temperature Of Medium



Compact Design To Save Space



IP 21 class compliant rating for enhanced durability



Specifications

iStir HP350/550 Prime	
Specifications	Details
Stirring Quantity Max.	20 Litres
Set-up Plate Material	Nano crystal full ceramic top plate
Variable Speed	200 - 2200 RPM
Heat Temperature Range	Ambient to 550°C
Temp Accuracy	±1°C
Run Time	1-999 mins & infinite
Digital Display	Shows speed/time and actual/set temperature alternately
Safe Temperature Circuit	Yes
Set-up Plate Dimensions	180 x 180 mm
Weight	4,9 Kg
Dimension (W x D x H)	330 x 225 x 113 mm
Length Of Stir Bar	25 mm
Protection Class	IP 21

Ordering Information

iStir HP350/550 Prime		
Product Name	Cat #	Details
iStir HP550 Prime (220 V)	HS20-1012 EU/UK/AU	Hot Plate Magnetic Stirrer - 220V, Max Temp 550°C
iStir HP350 Prime (220V)	HS20-1112 EU/UK/AU	Hot Plate Magnetic Stirrer - 220V, Max Temp 350°C

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**PERFECTION
MEETS PRECISION**

iStir HP320a
(Magnetic Stirrer)

iStir HP320a (Magnetic Stirrer)

Having spent a lot of time in the development phase before it became available for purchase, iStir HP320a has been extensively tested to ensure efficient performance and extremely user-friendly interface.

With class-leading features that are designed to deal with demanding laboratory conditions & real-life situations, iStir HP320a is the answer to all of your hot plate stirring needs with a capacity up to 10 liters.



Product Features



Servo DC Motor For Quiet Performance And A Long Life.



Variable Temperature Setting From Ambient To 320° C



Stirring Capacity Up To 10 Litres



Variable Speed Setting From 500-2200 RPM.



Safe Temperature Circuit For Accurate Temperature During Operation

Setup Plates With Ceramic Coating Designed To Provide Erosion And Corrosion Resistance



Non-slip Strength Rubber Feet For Maximum Stability Even At High-speeds.



IP21 Class Compliant Rating For Unmatched Durability.



Small Footprint Saves Valuable Bench Space And Also Makes It Suitable For Use In Hoods And Cold Room.



Specifications

Specifications	iStir HP320a
Capacity	10 Litres
Motor Type	Servo DC
Temperature Range	Upto 320° C
Variable Speed	500 - 2200 RPM
Set-up plate Dimensions	140 x 140 mm
Weight	1.4 kg
Dimension (WxDxH)	248 x 156 x 104 mm
Protection Class	IP 21

Ordering Information

iStir HP320a		
Product Name	Cat #	Details
iStir HP320a	HS20-1412-EU/AU/UK	Analog hot plate stirrer-220V
iStir HP320a	HS20-1412-US	Analog hot plate stirrer-110V

Standard Accessories	
Cat#	Part Name
B1	Magnetic stir bar (25mm)
B2	Magnetic stir bar (35mm)
B3	Magnetic stir bar (50mm)

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IMPECCABLE PERFORMANCE.
UNMATCHED RELIABILITY.

iStir HP 5M/10M/15M

Multi-station Heating Magnetic Stirrer

iStir HP 5M/10M/15M

Multi-station Heating Magnetic Stirrer

We understand that reliability and adequate performance are of the utmost importance when it comes to your multi-station heating magnetic stirrer requirements. But, the market is filled with sub-par quality products. There are obvious downsides of such products like low heating efficiency, no variable timer etc., but then there are less obvious disadvantages as well like a run-of-the-mill software setup which forces you to constantly stand by the side of the device to monitor its performance and input parameters from time to time.

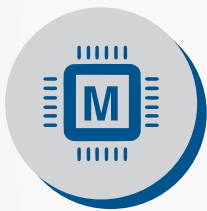
Our HP 5M, 10M & 15M range of multi-station magnetic stirrers are built to deliver the kind of performance that is promised. Our in-house R&D capabilities from design to extensive performance tests enhance the consistency of results and deliver unmatched performance. The software as well as the hardware of the device is geared towards optimizing your time and efforts by delivering exceptional performance and adequate safety. The exceptional heating efficiency & programmable pulse mode provides explicit commands for marvelous user experience.



Product Features



Powerful Brushless DC motor delivers constant speed and a maintenance-free long life



Microprocessor controlled for efficient performance even under high loads



Variable speed setting ranging from 300-1500 RPM in steps of 10 RPM



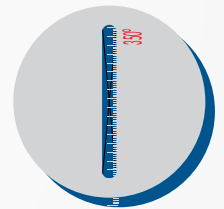
Timer setting from 1 to 999 minutes and infinite mode for enhanced convenience and ease of use



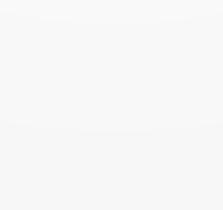
Huge capacity of 0.4L per station



Variable temperature setting from ambient to 120° C



5/10/15 stirring positions for optimum use of laboratory space



Programmable Pulse mode with direction change feature for proper mixing of the solution



Product Features



Digital display for added convenience



Corrosion-free SS top with anti-slip mat



Anti Skid mat for maximum stability even at high-speeds

Closed design allows for easy cleaning and protects the equipment from accidental spills



IP 42 class compliant rating for enhanced durability



Specifications

iStir HP 5M	
Motor Type	BLDC
Number of Stirring Positions	5
Stirring Quantity Max	400 ml per position
Variable Speed	300-1500 RPM in steps of 10 RPM
Heater Temperature Range	Ambient to 120°C
Run Time	1-999 mins & infinite
Pulse Mode	Programmable pulse mode - user can set time from 30 to 99 secs
Set-up Plate Material	Stainless steel plate with silicone sheet
Set-up Plate Dimensions	456 x 118 mm
Weight	3 kg
Protection Class	IP 42

iStir HP 10M	
Motor Type	BLDC
Number of Stirring Positions	10
Stirring Quantity Max	400 ml per position
Variable Speed	300-1500 RPM in steps of 10 RPM
Heater Temperature Range	Ambient to 120°C
Run Time	1-999 mins & infinite
Pulse Mode	Programmable pulse mode - user can set time from 30 to 99 secs
Set-up Plate Material	Stainless steel plate with silicone sheet
Set-up Plate Dimensions	460 x 178 mm
Weight	5 kg
Protection Class	IP 42

iStir HP 15M	
Motor Type	BLDC
Number of Stirring Positions	15
Stirring Quantity Max	400 ml per position
Variable Speed	300-1500 RPM in steps of 10 RPM
Heater Temperature Range	Ambient to 120°C
Run Time	1-999 mins & infinite
Pulse Mode	Programmable pulse mode - user can set time from 30 to 99 secs
Set-up Plate Material	Stainless steel plate with silicone sheet
Set-up Plate Dimensions	460 x 264 mm
Weight	7 kg
Protection Class	IP 42

Ordering Information

iStir HP 5M		
Product Name	Cat #	Details
iStir HP 5M (220 V)	MS20-1100 EU/UK/AU	5 Station Heated Stirrer Max temp 120°C
iStir HP 5M (110 V)	MS10-1100 US	5 Station Heated Stirrer Max temp 120°C

iStir HP 10M		
Product Name	Cat #	Details
iStir HP 10M (220 V)	MS20-2100 EU/UK/AU	10 Station Heated Stirrer Max temp 120°C
iStir HP 10M (110 V)	MS10-2100 US	10 Station Heated Stirrer Max temp 120°C

iStir HP 15M		
Product Name	Cat #	Details
iStir HP 15M (220 V)	MS20-3100 EU/UK/AU	15 Station Heated Stirrer Max temp 120°C
iStir HP 15M (110 V)	MS10-3100 US	15 Station Heated Stirrer Max temp 120°C

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NEUATION



IMPRESSIVE
IS AN
UNDERSTATEMENT

iStir HP 320
(Hot Plate Stirrer)

iStir HP 320

(Hot Plate Stirrer)

Having spent a lot of time in the development phase before it became available for purchase, iStir HP 320 has been extensively tested to ensure efficient performance and extremely user-friendly interface.

With class-leading features that are designed to deal with demanding laboratory conditions & real-life situations, iStir HP320 is the answer to all of your hot plate stirring needs with a capacity upto 10 liters.



More Than Just
Another Machine



Variable Temperature Setting
From Ambient To 320° C



Temp. Accuracy
Of +/- 1°C



Safe Temperature
Setting Up To 345° C



10 L Of Volume



Variable Speed
From 200-2200 RPM

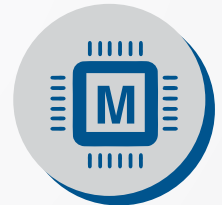
Variable timer setting from
1 to 999 min an infinite mode



Powerful DC Motor For
Enhanced Performance



Microprocessor
Controlled



Large & Clear Display



Power Intermittent
Mode-auto Restart After
Power Resumes For The
Left Operational Time



Get More Done With Less



Separate Display For
RPM / Time & Temp

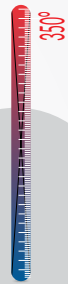


Option Of Selecting
Either °C Or °F As
Temperature Units



Keypad Locking

PT-1000
Temperature Probe



Small Footprint



IP 21 class
Protected



Specifications

Specifications	iStir HP 320
Capacity	10 Litres
Set up plate material*	Ceramic Coated SS
Heater Temperature	Ambient to 320°C
Variable Speed	200-2200 RPM in steps of 10 RPM
Run Time	1-999 mins & infinite
Set-up plate dimensions (mm)	140 mm
Weight of instrument	2.2 kg
Dimension (mm)	156 x 248 x 104
Protection Class	IP 21

Ordering Information

iStir HP 320		
Product Name	Cat #	Details
iStir HP 320 (220 V)	HS20-3212 EU/AU/UK	Hot Plate Magnetic Stirrer Max Temp 320°C with ceramic coated SS top
iStir HP 320 (110 V)	HS10-3212 US	Hot Plate Magnetic Stirrer Max Temp 320°C with ceramic coated SS top

Accessories			
Part Name	Cat #	Details	Image
Carrying Plate	HS20-QP	Quarter Carrying Plate	
4 X 20 ML Quarter Block	HS20-Q20	-	
4 X 30 ML Quarter Block	HS20-Q30	-	
7 X 16 ML Quarter Block	HS20-Q16	-	
10 X 8 ML Quarter Block	HS20-Q08	-	
12 X 4 ML Quarter Block	HS20-Q04	-	
Round Bottom Reaction Block 50 ML	HS20-RB50	-	
Round Bottom Reaction Block 100 ML	HS20-RB100	-	
Round Bottom Reaction Block 250 ML	HS20-RB250	-	
Round Bottom Reaction Block 500 ML	HS20-RB500	-	
PT 1000 Probe	HS20-T2	-	
Stand With Boss Head	HS20-S2	-	
Stir Bar	HS20-B1	-	

NEUATION

www.neuation.com

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*We also execute OEM projects. Specifications can be changed without notice for quality improvement.

NEUATION



PERFECTION IS
AN UNDERSTATEMENT

iStir OH Elite
Elite Series Of Overhead Stirrers

iStir OH Elite

Elite Series Of Overhead Stirrers

While the market is saturated with overhead stirrers, most of them fall short when it comes matching customer's expectations in terms of performance and durability. As soon as these devices encounter high-viscosity or large quantities of solutions, they falter in terms of performance which restricts the users in terms of the work that can be done with these devices. Even maintenance is also a frequent issue with such devices as they frequently break down or have to undergo frequent maintenance which puts a big question on their durability.

Neuation is markedly different when it comes to our approach to designing and developing overhead stirrers. Guided by a dedicated R&D department engaged in constant research about customer needs and user-experience, we were able to design and develop our excellent range of iStir Elite stirrers. Featuring intelligent design and high-performance components, these devices come with unique features such as built-in overload, overcurrent and over-temperature safety, Power Intermittent mode and counter speed control to meet even the most demanding stirring requirements.



Product Features



Brushless DC motor delivers ultra quiet performance and a maintenance-free long life.



Microprocessor controlled for efficient performance even under high load.



Variable stirring speed settings upto 2000 RPM for powerful performance



Variable timer setting ranging from 1 minute to 99 hours 59 mins as well as an Infinite mode



Powerful motor delivers torque upto 75 Ncm to stir solutions with viscosity up to 50,000 mPas & 70L volume

Volume Range
Upto 70L



Viscosity Upto
50,000 mPas



Smart Control Stirring feature to ensure constant stirring change even in viscosity



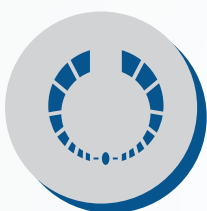
CW & CCW motion for efficient & thorough mixing.



Product Features



Large and clear display enables easy viewing of all critical parameters



Built-in overload, overcurrent and over-temperature safety feature to ensure complete safety



In case of power failure, the Power Intermittent mode starts the device automatically as soon as power is restored and runs for the remaining left time

Safe Low Voltage Device



IP42 class compliant rating for unmatched durability



Small footprint saves valuable bench space



iStir OH 75E



(75Ncm, 70L, 2000RPM)
50,000 mpas










Wide-variety of impellers available to suit all stirring needs





Specifications

iStir OH 75 Elite	
Motor Type	Brushless DC
Capacity (H2O)	70 Liters
Speed Range	60 - 2000 RPM
Torque	75 Ncm
Viscosity	50000 mPas
Timer	1 min to 99 hr 59 mins & infinity mode
Direction of Rotation	Reversible - CW/CCW
Protection Class	IP 42
Dimension (Head)	102x 249 x 242mm
Weight	5.1 kgs

Ordering Information

iStir OH Elite	
Product Name	Cat #
iStir OH 75 Elite	OHS2 - 1201-EU/UK/AU/US

Accessories			
			
Product Name H-stand Cat. No. # OHS1-HS		Product Name Boss Head Cat. No. # OHS1-HBH	
Impeller	Dimensions	Blade Type	
OHS2-A01	550 (Blade 50x8)	Propeller Blade	
OHS2-A02	550 (Blade 100x15)	Propeller Blade	
OHS2-A03	800 (Blade 130x15)	Propeller Blade	
OHS2-R01	550 (Blade 50x12)	Cross-welded	
OHS2-R02	550 (Blade 35x12)	Straight Blade	
OHS2-R03	550 (Blade 50x12)	Straight Blade	
OHS2-R05	550 (Blade 60x15)	Pivoting Blade	
OHS2-R07	550 (Blade 80x10)	Collapsible Blade	
OHS2-T02	550 (Blade 38x38)	Square Blade	
OHS2-T03	800 (Blade 70x70)	Square Blade	
OHS2-T05	550 (Blade 45x45)	Anchor Blade	
OHS2-T06	800 (Blade 90x80)	Anchor Blade	
OHS2-T08	550 (Blade 70x70)	Paddle Blade	
OHS2-T09	800 (Blade 70x70)	Paddle Blade	
OHS2-T10	550 (Blade 70x80)	Paddle Blade	
OHS2-T11	800 (Blade 70x80)	Paddle Blade	

Accessories		
Cat #	Product Name	Details
OHS-C1	Key Chuck	
OHS-C2	Keyless Chuck	
OHS-C3	Collet Chuck	
OHS-CC	Chuck Cover	

NEUATION

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NEUATION



BETTER THAN
THE BEST

iStir OH Prime
Prime Series Of Overhead Stirrers

iStir OH Prime

Prime Series Of Overhead Stirrers

The importance of overhead stirrers in laboratories cannot be underestimated. They play a critical role in many research projects, and as a result your stirring requirements demand a lot of flexibility and impeccable performance from these devices. But, there are persistent issues with most existing stirrers when it comes to stirring high-viscosity or high-volume solutions which results in less than satisfactory performance and the constant hassle of regular maintenance.

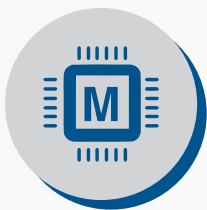
With a dedicated R&D department engaged in constant research about customer needs and user-experience, Neuation designed and developed the Prime series of overhead stirrers which deliver exceptional flexibility to meet all of your stirring requirements. With a compact form factor and a powerful motor, these devices are built to impress. Also count on in-built overload, overcurrent and over-temperature safety feature to provide performance which brings with it an unmatched peace-of-mind.



Product Features



Brushless DC motor delivers quiet performance and a maintenance-free long life



Microprocessor controlled for efficient performance even under high load



Variable stirring speed settings upto 2000 RPM for powerful performance



Variable timer setting ranging from 1 minute to 99 hours 59 mins as well as an Infinite mode



Powerful motor delivers torque upto 40 Ncm to stir solutions with viscosity

Stirring Volume Range Upto 40L



Viscosity Upto 30,000 mpas



Smart Control Stirring feature to ensure constant stirring change even in viscosity



CW & CCW motion for efficient & thorough mixing.



Large and clear display enables easy viewing of all critical parameters



Product Features



IP54 class compliant rating for unmatched durability



Built-in overload, overcurrent and over-temperature safety feature to ensure complete safety

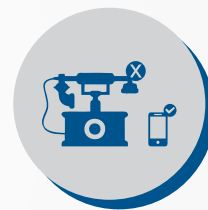


In case of power failure, the Power Intermittent mode starts the device automatically as soon as power is restored and runs for the remaining left time

Safe Low Voltage Device



Small footprint saves valuable bench space



iStir OH 20P



(20Ncm, 25L, 2000RPM)
10000 mpas

iStir OH 40P



(40Ncm, 40L, 1000RPM)
30000 mpas





Wide-variety of impellers available to suit all stirring needs

Specifications

	iStir OH 20 Prime	iStir OH 40 Prime
Motor Type	Brushless DC	Brushless DC
Capacity (H2O)	25 Liters	40 Liters
Speed Range	50 - 2000 RPM	50 - 1000 RPM
Torque	20 Ncm	40 Ncm
Viscosity	10000 mPas	30000 mPas
Timer	1 min to 99 hr 59 mins & infinity mode	1 min to 99 hr 59 mins & infinity mode
Direction of Rotation	Reversible - CW/CCW	Reversible - CW/CCW
Protection Class	IP 54	IP 54
Dimension (Head)	79 x 225 x 179 mm	79 x 225 x 179 mm
Weight	1.7 kgs	1.7 kgs





Ordering Information

iStir OH Prime	
Product Name	Cat #
iStir OH 20 Prime	OHS1 - 2301-EU/UK/AU/US
iStir OH 40 Prime	OHS1 - 2401-EU/UK/AU/US

Accessories		
 <p>Product Name Plate Stand Cat. No. # OHS1-PS</p>	 <p>Product Name H-stand Cat. No. # OHS1-HS</p>	 <p>Product Name Boss Head Cat. No. # OHS1-PBH</p>
		 <p>Product Name Boss Head Cat. No. # OHS1-HBH</p>

Ordering Information

Accessories			
Impeller	Dimensions	Blade Type	
OHS1-A01	550 (Blade 50x8)	Propeller Blade	
OHS1-A02	550 (Blade 100x15)	Propeller Blade	
OHS1-A03	800 (Blade 130x15)	Propeller Blade	
OHS1-R01	550 (Blade 50x12)	Cross-welded	
OHS1-R02	550 (Blade 35x12)	Straight Blade	
OHS1-R03	550 (Blade 50x12)	Straight Blade	
OHS1-R05	550 (Blade 60x15)	Pivoting Blade	
OHS1-R07	550 (Blade 80x10)	Collapsible Blade	
OHS1-T02	550 (Blade 38x38)	Square Blade	
OHS1-T03	800 (Blade 70x70)	Square Blade	
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OHS1-T06	800 (Blade 90x80)	Anchor Blade	
OHS1-T08	550 (Blade 70x70)	Paddle Blade	
OHS1-T09	800 (Blade 70x70)	Paddle Blade	
OHS1-T10	550 (Blade 70x80)	Paddle Blade	
OHS1-T11	800 (Blade 70x80)	Paddle Blade	

Accessories		
Cat #	Product Name	Details
OHS-C1	Key Chuck	
OHS-C2	Keyless Chuck	
OHS-C3	Collet Chuck	
OHS-CC	Chuck Cover	

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