

# 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.



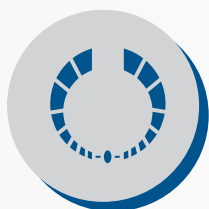
Large and clear display enables easy viewing of all critical parameters



## 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 8P**



(8Ncm, 10L, 2000RPM)  
4000 mpas

**iStir OH 15P**



(15Ncm, 20L, 1000RPM)  
8000 mpas

**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


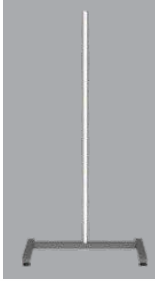


# Specifications










	iStir OH 08 Prime	iStir OH 15 Prime
Motor Type	Brushless DC	Brushless DC
Capacity (H2O)	10 Liters	20 Liters
Speed Range	50 - 2000 RPM	50 - 1000 RPM
Torque	8 Ncm	15 Ncm
Viscosity	4000 mPas	8000 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





	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 8 Prime	OHS1 - 2101-EU/UK/AU/US
iStir OH 15 Prime	OHS1 - 2201-EU/UK/AU/US
iStir OH 20 Prime	OHS1 - 2301-EU/UK/AU/US
iStir OH 40 Prime	OHS1 - 2401-EU/UK/AU/US

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

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	
OHS1-T05	550 (Blade 45x45)	Anchor Blade	
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	

# NEUATION

[www.neuation.com](http://www.neuation.com)

AN ISO 9001 : 2015 & ISO 13485 : 2016 CERTIFIED MFG. COMPANY

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