

Ne**Biotech**

NeoStir OH100 -
OverHead Stirrer

NB-12-4033B

NeoStir 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.

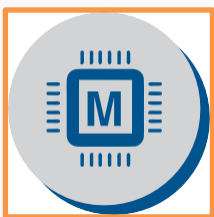
Neo Biotech is markedly different when it comes to our approach to designing and developing overhead stirrers. Guided by a dedicated R&D department engaged in constant research about customer needs and user-experience, we were able to design and develop our excellent range of NeoStir Elite stirrers. 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 100 Ncm to stir solutions with viscosity up to 70,000 mPas & 100 L volume

Volume Range
Upto 100L



Viscosity Upto
70,000 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



NeoStir OH 50E



(50Ncm, 50L, 2000RPM)
30,000 mpas

NeoStir OH 75E



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

NeoStir OH 100E



(100Ncm, 100L, 1300RPM)
70,000 mpas

Wide-variety of impellers available to suit all stirring needs

*Tested With Water Only









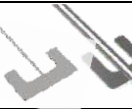

NeoStir OH 50 Elite	
Motor Type	Brushless DC
Capacity (H2O)	50 Liters
Speed Range	60 - 2000 RPM
Torque	50 Ncm
Viscosity	30000 mPas
Timer	1 min to 99 hr 59 mins & infinity mode
Direction of Rotation	Reversible - CW/CCW
Protection Class	IP 42
Dimension (Head)	102x 249 x 242mm
Weight	5.1 kgs

NeoStir OH 75 Elite	
Motor Type	Brushless DC
Capacity (H2O)	75 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

NeoStir OH 100 Elite	
Motor Type	Brushless DC
Capacity (H2O)	100 Liters
Speed Range	60 - 1300 RPM
Torque	100 Ncm
Viscosity	70000 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

NeoStir OH Elite	
Product Name	Cat #
NeoStir OH 50 Elite	OHS2 - 1101-EU/UK/AU/US
NeoStir OH 75 Elite	OHS2 - 1201-EU/UK/AU/US
NeoStir OH 100 Elite	OHS2 - 1301-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	