

THE  
UNDISPUTED  
KING  
OF  
MAGNETIC  
STIRRERS

**iStir HP 550/350**

(Hot Plate Magnetic Stirrer)

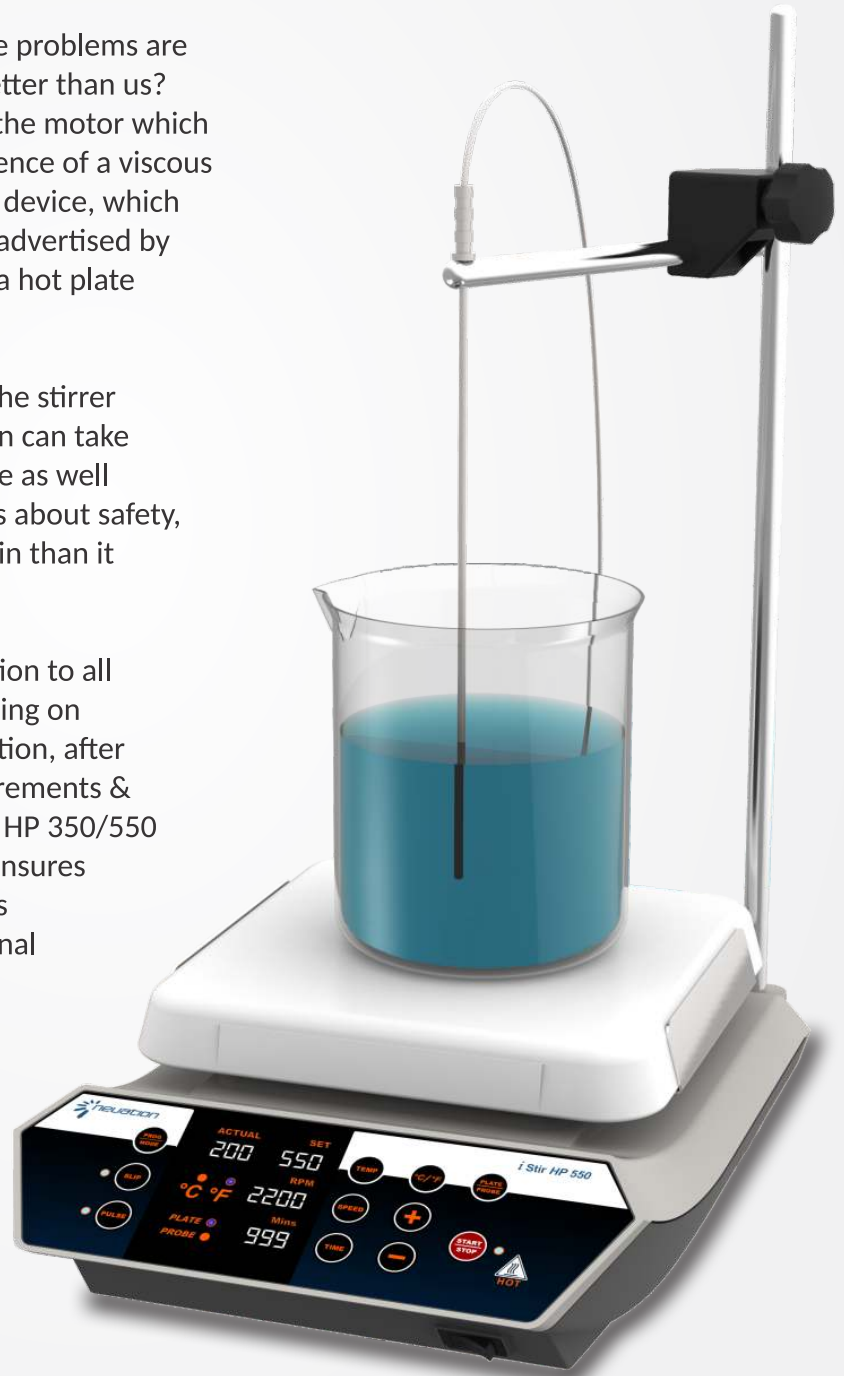
# iStir HP 550/350

(Hot Plate Magnetic Stirrer)

When it comes to magnetic stirrers, the problems are from few and who understands that better than us? Whether it's the inadequate power of the motor which fails to perform adequately in the presence of a viscous liquid or the heating capabilities of the device, which tend to be much lower than what was advertised by the manufacturer, buying and running a hot plate magnetic stirrer is fraught with risks.

Even constantly staying by the side of the stirrer to input the parameters again and again can take a toll on you as it wastes both your time as well as your effort. Then there are the issues about safety, which makes using a stirrer a bigger pain than it actually has to be.

In an effort to provide a one-stop-solution to all your stirring needs without compromising on the factors that matter the most, Neuation, after intensive research into customer requirements & feedback, designed and developed the HP 350/550 hot plate magnetic stirrer. The device ensures complete reliability & safety through its unique features which deliver exceptional performance even under high loads. Additionally, its state-of-the-art technology guarantees unprecedented peace-of-mind for an unmatched user-experience as the intelligent modes of the device don't require your constant presence to run experiments.



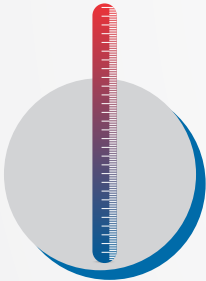
## Freedom To Do More With Market-leading Features



Brushless Motor For A Long Maintenance-free Life



Stirring Speeds Up To 2200 RPM Allows Easy Stirring Of Even Highly Viscous Liquid



Maximum Temperature Setting Upto 550/350° C From Room Temperature

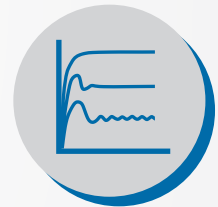


Huge Capacity Upto 20L To Use Large Batches Of Samples At Once

Timer Range: 1 To 999 Minutes & Infinite Mode



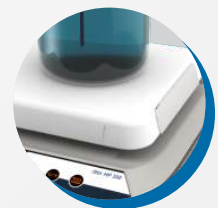
3 Intelligent Heating Modes To Suit Your Heating & Precision Requirements



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



Robust Nanocrystalline Ceramic Heating Plate Offers High Resistance To Chemicals & Temperature Shocks



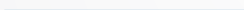
## Enjoy A Much-needed Peace-of-mind



Isolated Electric Components With A Safe Drain Channel For Accidental Spills

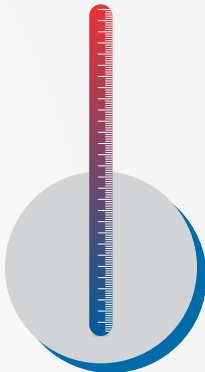


Slip-detection Feature Prevents Escaping Of Stir Bar & Ensures Constant Mixing of Even Viscous Samples



Keypad Lock To Prevent Accidental Changes In Parameters

Safe Temperature Settings Prevents Temperature To Raise Beyond Set Limits Irrespective Of Situation

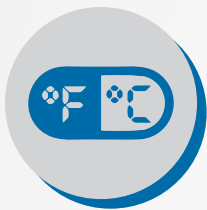


Remote \*Pendant Operation Allows You To Use The Machine From A Distance



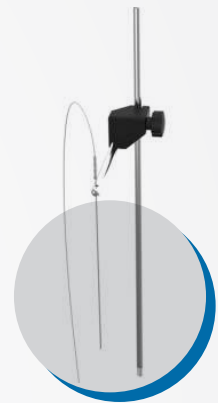
\*Not Part Of Standard Accessory

Now,  
Do More With Less Effort



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

PT 1000 - Generates Error  
Codes In Case Of Any Malfunction  
Like Probe Is Dipped Or Not And  
Whether Media Has Evaporated  
During The Experiment



Displays For Both  
SET As Well As ACTUAL  
Temperature For  
Convenience

Choose Between  
Plate Or Probe  
Temperature Display



Pulse Mode For Thorough  
Stirring Of Any Solution By  
Changing The Stirring Direction

Programmable Mode  
Enables User To Store Up To  
99 Different Programs For  
Added Convenience



# Specifications

Motor Type	BLDC Motor
Number of Stirring Positions	1
Stirring Quantity	20 L (Max.)
Stirring Bar Length	25 mm (Max.)
Heat Temperature Range	Room Temp. to 550° C
Speed Control	10 RPM / Steps
Set-up Plate Material	Ceramic Plate
Protection Class	IP 21
RS 232 Interface	Yes
Timer Advances Series	1 Min to 999 Min
Set-up Plate Dimensions	180 x180 (mm)
Dimensions	330 x 220 x 115 (mm)
Weight	5.4 kg
Programable Pulse	30 to 99 Seconds

# Ordering Information

iStir HP 550		
Product Name	Cat #	Details
iStir HP 550 (220 V)	HS20-1001 EU/UK/US/AU	Hot Plate Magnetic Stirrer – 220V, Max Temp 550 °C
iStir HP 550 (110 V)	HS 10-1001 US/EU	Hot Plate Magnetic Stirrer – 110V Max Temp 550 °C

iStir HP 350		
iStir HP 350 (220 V)	HS20-1101 EU/UK/US/AU	Hot Plate Magnetic Stirrer – 220V, Max Temp 350 °C
iStir HP 350 (110 V)	HS 10-1101 US/EU	Hot Plate Magnetic Stirrer – 110V Max Temp 350 °C

Accessories		
PT 1000 Probe	HS-T1	Temperature sensing probe for HP 550 / HP 350
Stand with boss head	HS-S1	Stand and Boss Head for HP 550 / HP 350
Stir Bar	HS-B1	Stir Bar
Immersion Stirrer	HS-I1	Separate Immersion Stirrer
Remote Pendant	HS-R1-550	Remote pendant for HP 550
Power Cable	C-EU/UK/US/AU	Only Power cable with specific Pin type



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

\* OEM request can be entertained. Specifications can be changed without notice for quality improvement.