

## HOT PLATE WITH MAGNETIC STIRRER



NSW INDIA Magnetic Stirrer is a laboratory instrument, which is used to stir or mix liquid using stir bar (magnetic stirring bar) by creating magnetic field. These magnetic stirrers are designed in both single and multi-position (multipoint) models. At NSW INDIA, we manufacture magnetic stirrers that are easy to use, safe for operated and samples and have small footprint. If you want to buy anyone of them, please see the technical specifications below and email us for price and other important details.

Our magnetic stirrers are made with Die Cast Aluminum with powder coated top and equipped with analog speed regulator. The standard models of our magnetic stirrers are available in 1, 2, 5, 10, 20-liters capacities. Outer cabinet is made of corrosion resistant mild steel. In addition, these magnetic stirrers can also be fitted with digital RPM LED display. If you want multi position magnetic stirrers, we also make them.

### FEATURES:

- Robust Metallic Construction
- Alumina with ceramic coating
- Designed for synchronous heating and stirring
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Timer function
- Adjustable reverse operation for stirring
- Multiple opening modes selection

## **NARANG SCIENTIFIC WORKS PVT. LTD.**

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## CONSTRUCTION

- Plate material- Ailumina with ceramic coating
- Body design Protection against burns, secure handling and reliable trapping of liquids from the device Outer shall be also made of Mild Steel Powder Coated.
- Temperature controlling with the help of Micro-processed based Digital Temperature Controller.
- Work on 220V AC, 50 Hz supply

## SPECIFICATION

<b>Make</b>	<b>NSW INDIA</b>
<b>Model</b>	<b>NSW-254</b>
Plate shape	Round shape
Plate diameter	145 mm
Plate material	Ailumina with ceramic coating/ Ceramic-coated aluminium-silicon alloy (Silumin)
Max. stirring capacity (H <sub>2</sub> O)	20 liters
Rotation speed range	0 —1500 rpm
Speed accuracy	± 5 %
Drive	EC-motor drive
Temperature range	Ambient to 370 °C
Accuracy temperature setting	± 1 k
Temperature accuracy hotplate	± 5 °C
External temperature sensor	Pt1000
Operating Mode	Continuous
Display	LCD-Display
Timer range	Yes
Heating Control	PID
Heating power	800 W
Max. Load	25 kg
Power input	825 W
Residual heat indicator	Yes
Acoustic pressure	< 50 dB (A) or less
Connection	L + N + PE
Weight	3 kg
Environmental temperature	Permissible ambient conditions:5-31°C up to 80 % rel. Humidity, 32 - 40 °C up to 50 % rel. humidity (decreasing linearly)
Power	220 V, 50Hz Single phase



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