

Hotplate With Magnetic Stirrer



The Hotplate Stirrer MSHPS3503RSWISS is a highly durable and efficient laboratory device with several features that make it suitable for a variety of scientific applications, including biotechnology, microbiology, and medical analysis. Here are the detailed specifications and features:

Features:

- **LCD Display:** Shows speed, temperature, and time for easy monitoring.
- **Compact and Reliable:** Space-efficient design ideal for crowded benchtops.
- **High Temperature Capability:** Unique heating method allows temperatures up to 350°C.
- **Stainless Steel Heating Plate:** High-performance heating device with high-precision temperature control.
- **External PT1000 Temperature Sensor:** Allows precise temperature control of samples.

- **Safety Features:** Red water lamp indicates when the plate is above 50°C to prevent overheating.
- **Nano-Ceramic Technology:** White top plate is wear-resistant and corrosion-resistant.
- **Over-Heating Protection:** Ensures safety by preventing overheating.

Specifications:

- **Model:** MSHPS3503RSWISS
- **Product Name:** Hotplate Stirrer
- **Temperature Setting Range:** 0°C to 350°C
- **Temperature Control Range:** Room Temperature + 5°C to 350°C
- **Timing Range:** 1 minute to 99 hours 59 minutes, or continuous (?)
- **Temperature Accuracy:** $\pm 1^{\circ}\text{C}$ (at $<100^{\circ}\text{C}$), $\pm 1\%$ (at $>100^{\circ}\text{C}$)
- **Display Accuracy:** 1°C
- **Speed Range:** 200 to 1600 rpm
- **Stir Bar:** 30 mm
- **Maximum Stir/Heating Volume (H₂O):** 3 liters
- **Platform Dimension:** 142 x 142 mm
- **Power:** 500W
- **Electricity:** AC110V or 220V, 50-60Hz
- **Fuse:** 250V 3A T5*20
- **Dimensions (W x D x H):** 293 x 186 x 107 mm
- **Package Dimensions (W x D x H):** 360 x 310 x 220 mm
- **Net Weight/Gross Weight:** 2.6 kg / 3.6 kg

This hotplate stirrer is designed to handle a wide variety of laboratory vessels and is capable of stirring volumes as large as 3 liters, making it a versatile and essential tool for any laboratory.