



Operations Manual Item: S1005

MiniMag™ Mini Magnetic Stirrer



Introduction:

Benchmark's MiniMag™ Stirrer is a quiet, yet powerful instrument designed for mixing sample sizes as large as 1.5 liter. With an extremely compact motor drive, the electronic speed control can provide mixing of speeds up to 1500rpm.

I. Specifications:

Speed / Control: Adjustable, 100 to 1500 rpm

Top Plate

Dimensions: 8.5 x 8.5 cm
3.4 x 3.4 in.

Product

Dimensions:
(w x d x h): 12 x 12 x 3cm / 4.7 x 4.7 x 1.2 in

Weight: 0.2kg / 0.45 lbs

Max. Volume: 1.5 Liters

Max Stir Bar: 30mm

Electrical: 100 to 240V, 50-60Hz, 2w, 0.2A

Power Supply 5V DC 2A

**Operating
Conditions:** 4° C to 45° C
(Up to 80% Humidity)

Warranty: 1 year

II. Product Set-Up:

Place the mixer on a clean, flat, stable surface and make sure that the knob is set to the lowest position position and plug the power supply into the mixer and into a properly grounded outlet.

Place a stir bar inside the mixing vessel and place the vessel on the instrument. (Ensure that the vessel and instrument are centered on the top plate of the instrument.

Using the SPEED control knob, adjust the mixing speed to the desired setting. When setting for high speed mixing, set to the middle speed point and increase the speed slowly. (This will allow the mixing speed to be increased without dislodging of the stir bar from the motor magnet.)

III. Care and Maintenance:

No routine maintenance is required other than to keep the unit clean. Cleaning can be done with a damp cloth. Avoid the use of solvents as they may cause deterioration to the plastic housing.

Service and Contact:

In the event that service or technical support is required, please contact **Benchmark** by phone at **1-908-769-5555** or by email at info@benchmarkscientific.com.

