

# Magnetic Stirrer



**CH2081-001 PTFE Coated Plate**

## Description:

- Plate: 200x180mm rectangular. High temperature aluminium alloy.
- Front Panel Controls: Mains ON/OFF Switch. (illuminated). Control knob for stirring speed.
- Speed adjustment approx. 150 to 1200 RPM from 'Min.' to 'Max.'.
- Motor: Brushless AC. motor with ball bearings for maintenance free and reliable operation. Speed control is electronic type providing a slow minimum speed for titration work and excellent high speed for very strong mixing and stirring. High magnet strength permits the stirring of high viscosity fluids.

## Use of Equipment:

Ensure there is no residual packaging materials under the plate that may be jamming the rotating magnet under the plate. Plug into 220/240V.AC. 50/60 Hz. Power outlet. Turn on main switch. Switch actuator should illuminate to indicate 'Power On'.

Turn the speed control knob and check smooth and vibration-free operation of rotating magnet from minimum to maximum speed.

TEST: Place a beaker of water (say 500ml) half full on the centre of the plate and insert a 25mm long spin bar into the water. Become familiar with the slowest and the fastest stirring speeds.

## Caution When Using The Equipment:

- Avoid spillage of corrosive materials on the plate surface.
- Never drop the unit. Damage to the motor may result.
- If spillage occurs, remove power and clean with a wet sponge.
- Never carry the unit with a vessel of fluid placed on the plate.

Length: 180mm	Width: 200mm	Height: 100mm	Weight: 2.66kg
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Designed and manufactured in Australia

**INDUSTRIAL EQUIPMENT & CONTROL PTY.LTD.**

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