

Magnetic hotplate stirrers, Advanced series



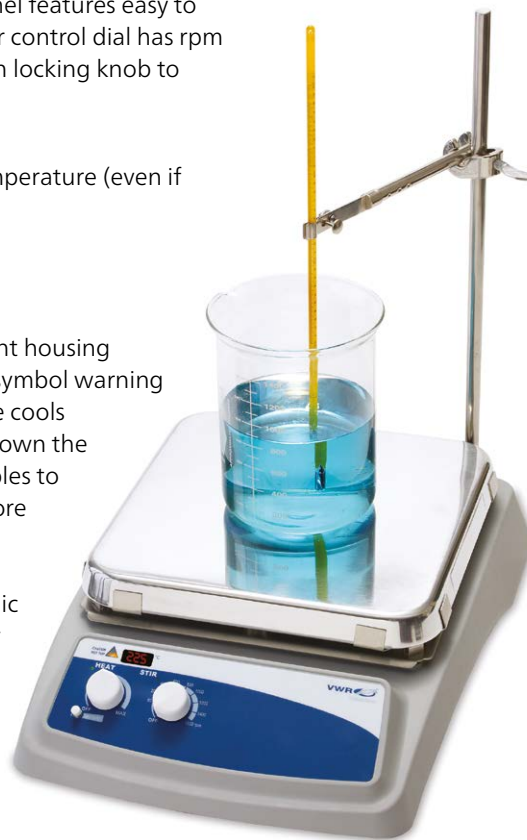
VWR Advanced magnetic hotplate stirrers deliver accurate and repeatable results. Units are microprocessor controlled and have an easy to read LED display for set-point temperature. The control panel features easy to use controls which allow users to dial in adjustments for temperature, the stirrer control dial has rpm adjustment markings. Rear housing features an integral support rod holder with locking knob to accept an optional support rod and clamp kit.

- Excellent temperature uniformity with consistent stirring at all speeds
- Microprocessor controlled with built-in memory allowing recall of last set temperature (even if unit has been turned off)
- Cool touch, chemically resistant housing
- LED display for temperature
- Choice of models with ceramic or aluminium top plates

The low profile design takes up less space and fits into fume hoods. Spill-resistant housing channels fluids away from internal components. Safety features include a 'hot' symbol warning light which is illuminated when heat is turned on and remains on until top plate cools down. Stir protection if stirrer motor stops or fails, unit will automatically shut down the heater. Enhanced electronics regulate both heating and stirring and bring samples to temperature quickly and efficiently. Temperature measurement is controlled more accurately by using a resistance thermometer (RTD). Ramping feature slowly increases speed for improved safety and enhanced coupling, avoids splashing, improves spin bar control, and provides excellent low-end speed control. Ceramic tops feature a chemically resistant, reflective white top plate surface that is easy to clean. Durable aluminium tops will not crack or chip, and provide a more even heating surface.

Each unit is supplied complete with a PTFE coated magnetic stirring bar. Optional support rod kit is available which includes a 457 mm stainless steel support rod, thermometer/temperature probe extension clamp, three-prong medium swivel clamp, and hook connector.

* Below 100 °C ±2 °C environmental and sample conditions permitting.



Model	Aluminium top plate			Ceramic top plate		
	600	2500	6000	600	2500	6000
Max. stirring capacity H ₂ O (ml)	600	2500	6000	600	2500	6000
Speed range (min ⁻¹)	60 - 1600					
Speed stability (%)	±2					
Temperature range (°C)	Ambient +5...400			Ambient +5...500		
Temperature stability (%)	±2*			±3*		
Heat output (W)	400	1050	1600	400	1050	1600
Plate material	Aluminium			Ceramic		
Plate dimensions (mm)	100×100	180×180	250×250	100×100	180×180	250×250
W×D×H (mm)	167×274×108	250×375×108	330×455×108	167×274×108	250×375×108	330×455×108
Weight (kg)	2,0	4,2	6	2,0	4,2	6

Description	Pk	Cat. No.
Models with aluminium top plates		
Magnetic hotplate stirrer, aluminium plate, 100×100 mm, EU-plug	1	444-0596
Magnetic hotplate stirrer, aluminium plate, 100×100 mm, UK-plug	1	444-0597
Magnetic hotplate stirrer, aluminium plate, 100×100 mm, CH-plug	1	444-0598
Magnetic hotplate stirrer, aluminium plate, 180×180 mm, EU-plug	1	444-0602
Magnetic hotplate stirrer, aluminium plate, 180×180 mm, UK-plug	1	444-0603
Magnetic hotplate stirrer, aluminium plate, 180×180 mm, CH-plug	1	444-0604
Magnetic hotplate stirrer, aluminium plate, 250×250 mm, EU-plug	1	444-0608
Magnetic hotplate stirrer, aluminium plate, 250×250 mm, UK-plug	1	444-0609
Magnetic hotplate stirrer, aluminium plate, 250×250 mm, CH-plug	1	444-0610

Description	Pk	Cat. No.
Models with ceramic top plates		
Magnetic hotplate stirrer, ceramic plate, 100×100 mm, EU-plug	1	444-0593
Magnetic hotplate stirrer, ceramic plate, 100×100 mm, UK-plug	1	444-0594
Magnetic hotplate stirrer, ceramic plate, 100×100 mm, CH-plug	1	444-0595
Magnetic hotplate stirrer, ceramic plate, 180×180 mm, EU-plug	1	444-0599
Magnetic hotplate stirrer, ceramic plate, 180×180 mm, UK-plug	1	444-0600
Magnetic hotplate stirrer, ceramic plate, 180×180 mm, CH-plug	1	444-0601
Magnetic hotplate stirrer, ceramic plate, 250×250 mm, EU-plug	1	444-0605
Magnetic hotplate stirrer, ceramic plate, 250×250 mm, UK-plug	1	444-0606
Magnetic hotplate stirrer, ceramic plate, 250×250 mm, CH-plug	1	444-0607

Description	For	Pk	Cat. No.
Accessories			
Stirrer support rod clamping kit (rod, 2 clamps and hook connector)	444-0566, 444-0567, 444-0568, 444-0569, 444-0570, 444-0571, 444-0572, 444-0573, 444-0574, 444-0575, 444-0576, 444-0577, 444-0578, 444-0579, 444-0580, 444-0581, 444-0582, 444-0583, 444-0584, 444-0585, 444-0586, 444-0587, 444-0588, 444-0589, 444-0590, 444-0591, 444-0592, 444-0593, 444-0594, 444-0595, 444-0596, 444-0597, 444-0598, 444-0599, 444-0600, 444-0601, 444-0602, 444-0603, 444-0604, 444-0605, 444-0606, 444-0607, 444-0608, 444-0609, 444-0610	1	444-2844
Support plate for 100 mm stirrers and hotplate stirrers	444-0566, 444-0567, 444-0568, 444-0575, 444-0576, 444-0577, 444-0578, 444-0579, 444-0580, 444-0593, 444-0594, 444-0595, 444-0596, 444-0597, 444-0598	1	444-2851