

Rotamantle

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RM 500

The Rota mantle is a combination of heating Mantle cum Magnetic Stirrer to obtain heating & stirring in flat bottom round flasks. The unit has two tier construction with the upper compartment consisting heating mantle made of fiberglass yarn & fitted with heating element. The smooth running apparatus utilizes the rotating magnetic field from a balanced permanent magnet to induce variable stirring action & uniform heating in closed or open flat bottom round flasks. The unit is provided with a Teflon coated magnetic stirring paddle. The step less Speed Control enables stirring from very low to the maximum & the energy regulator controls the heating at any desired percentage of the heating capacity.

Technical Data

Type	RM 500	RM 501	RM 502	RM 503	RM 505	RM 510	RM 520
Max. speed RPM	1200	1200	1200	1200	1200	1200	1200
Stirring Capacity Ltrs.	500 ml	1	2	3	5	10	20
Heating Capacity Watts	200	300	400	500	2x300	2x500	3x500
Dimension (WxDxH) mm	160x160x170	190x190x190	230x230x230	250x250x250	290x290x290	400x400x340	450x450x380
Stirring Paddle x L mm	8 x 25	8 x 25	8 x 35	8 x 35	9.5 x 50	13 x 75	13 x 75
Weight	3.1 kg	3.9 kg	7 kg	9 kg	14 kg	31 kg	44 kg

Type	MS 251	MS 252	MS 254	MS 255
Magnetic stirring Paddle				
Teflon coated x L mm	8 x 25	8 x 38	9.5 x 50	13 x 75

Orbital Shaker

Orbital bench top shaker (Model OS-2)

Eltek Orbital Shaker offers more features for your applications with two shaking amplitudes and digital control, making it a versatile tool for your laboratory. This benchtop, orbital shaker is ideal for a variety of applications including cultivating microorganisms and shaking separation funnels or other types of vessels.

Eltek Shaker OS -2 is available in 25 mm and 50 mm orbit models. The triple bearing, brushless drive belt assembly is strong, stable, and quiet even with heavy loads. Shaking speed and time functions are adjusted with a liquid-resistant, membrane keypad with the values displayed on the LCD. The design accepts a broad range of clamp types including 25 ml to 5 litres, Erlenmeyer and Fernbach clamps, and test tube rack and universal mounting systems for odd shaped vessels. An analog output for external recording of speed is included. The integrated memory function re-establishes the last setpoint after power failure. Visual alarm warns the user of malfunction. The unit is built in accordance with the EN 61010 regulation.

Benefits

- Safe and easy tray fixation.
- 25 mm and 50 mm orbit.
- Speed 25 to 400 RPM.
- Timer up to 99.99 hrs.
- Analog out for documentation.
- Memory function.



OS - 2

Platform size: 450mm x 450mm
Speed Range: 25 to 400 RPM

Technical Data

Flask Capacity (ml)	25	50	125	250	500
Flask Quantity (nos.)	49	49	36	25	16

- Up to 5 Litres.
- Orbital shaker is designed to operate on environmental rooms or laboratory benches for variety of operation.
- It can be used for a variety of applications.
- Platform motion is monitored independently of motor operation for added protection.
- AC Motor with programmable drive to control the speed from 25 to 400 RPM.
- Heavy gauge steel housing with epoxy coating AC Motor with digital display.
- Provides continuous operation even in temperatures from 4 °C to 40 °C.