



MULTI-POSITION (HOT PLATE) MAGNETIC STIRRER (10 POSITION) LMMS-A21

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Multi-position (Hot Plate) Magnetic Stirrer LMMS-A21 is a space saving and economical unit with 10 heating/stirring position in a footprint. It is highly efficient and inputted by brushless type DC motor. Equipped with Stainless steel work plate, cover with silicone cushion, resistance to skid and corrosion. It reduces the over noise and its free from maintenance. Maximum stirring quantity in each stirring position is 0.4 L, the powerful magnets and motor give stirring speed up to 1100 rpm with the working temperature range from 5 to 40 °C. Its heating temperature ranges from room temp. to 120°C and over protection temp. range is 140°C.

FEATURES

- Powerful rotary drive providing consistent sample conditions across each position
- Material used stainless steel with a silicone anti-slip mat
- Designed with 10 stirring positions and rotary 2 knob, step less speed regulation
- Equipped with temperature control panel enable uniformed distribution of temperature on the heating plate
- Maximum stirring quantity is 0.4 L
- Maximum magnetic bar ranges 40 mm and temperature is from 5 to 40 °C
- Heating temperature range up to 120°C and over protection temp. range is 140°C.
- High magnetic adhesion prevents the stir bar from going out of control

APPLICATIONS

Multi-position (Hot Plate) Magnetic Stirrer is used for liquid heating mixing experiment and other experiments, it is the indispensable mixing instrument for biology, heredity, medicine and health, environmental protection and biochemistry laboratories.



SPECIFICATIONS

Model	LMMS-A21
Stirring Positions	10
Max. Stirring Quantity	0.4 L (each stirring position)
Max. Magnetic Bar	40 mm
Speed Range	0 to 1100 rpm
Speed Display	Scale
Work Plate Material	Stainless steel with silicone
Heating temperature range	Room temp. to 120°C
Over temperature protection	140°C
Temperature Range	5 to 40°C
Humidity	80%
Internal dimension	180 × 450 mm
External dimension	182 × 552 × 65 mm
Motor Type	Brushless DC Motor
Motor Input Power	12 W
Motor Output Power	4 W
Heating output	470 W
Power consumption	490 W
Frequency	50 to 60 Hz
Power supply	100 to 240 V
Weight	3.2 kg
Protection Class	IP42 DIN EN60529

OPTIONAL ACCESSORIES

Accessories No.	Name	Qty.
1	stirrer bar, permanent magnet in 150°C (10 mm x 6 mm)	1 Set
2	stirrer bar, permanent magnet in 150°C (15 mm x 8 mm)	1 Set
3	stirrer bar, permanent magnet in 150°C (20 mm x 8 mm)	1 Set
4	stirrer bar (25 mm x 8 mm)	1 Set
5	stirrer bar, permanent magnet in 150°C (30 mm x 6 mm)	1 Set
6	stirrer bar, permanent magnet in 150°C (40 mm x 8 mm)	1 Set
7	stirrer bar remover, 20 cm	1 Set

