



LABORATORY SECTOR

HOTPLATES AND HOTPLATE STIRRERS



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KALSTEIN® Hotplates and Hotplate Stirrers Hot Plate Laboratory Magnetic Stirrer Model YR02940



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KALSTEIN® Hotplates and Hotplate Stirrers

Hot Plate Laboratory Magnetic Stirrer

Model YR02940



Product Description:

Magnetic stirrers are often used in chemistry and biology. They are preferred over gear-driven motorized stirrers because they are quieter, more efficient, and have no moving external parts to break or wear out (other than the simple bar magnet itself). Because of its small size, a stirring bar is more easily cleaned and sterilized than other stirring devices. They do not require lubricants which could contaminate the reaction vessel and the product. They can be used inside hermetically closed vessels or systems, without the need for complicated rotary seals. Magnetic stirrers may also include a hot plate or some other means for heating the liquid.

Product Features:

- ✓ Very compact and simple to operate
- ✓ Digital Display temperature and speed, Heating temperature: Rt-380 Degree and mixing speed :100-1800 RPM
- ✓ Heat and corrosion resistant aluminum alloy housing for durability
- ✓ Ceramic coated aluminum heating plate for great heat distribution and corrosion resistance
- ✓ Specially designed housing prevents spill from damaging the electronic components inside
- ✓ Secondary heat insulation plate prevents heat loss and eliminates heat damage to electronic components
- ✓ Adjustable temperature and rotation speed



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Hot Plate Laboratory Magnetic Stirrer

Model YR02940



Technical Description:

Model	YR02940
Top Plate Dimension (mm)	280 x 280
Top Plate Dimension(Inch)	11.02×11.02
Temperature Control	PID Auto control .
Top Plate Shape	Round or Square
Top Plate Material	Ceramic
Temperature Range for machine	Ambient to 400 degree.
Max Temperature for top plate	325 degree
Top Material	White ceramics and Black Ceramic are Both available .
Temperature Display (°C)	Digital Display
Temperature control	PID Auto control
Temperature accuracy	#ERROR!
Thermocouple probe /sensor type	PT100 , with inner and outer thermocouple .
Stir Speed	100- 1800 RPM
Stir Display	Digital display
Stir speed accuracy	
Permissible Ambient Temperature	Ambient Temperature to 40°C
Voltage	160 – 240V , or 110- 130V.
Heating Power supply (w)	1000
Motor Power supply	40W.DC20
Machine power supply	1100
Stirring Flask Capacity (ml)	50ML – 15L
Overall Dimensions (mm)	
	495 x 382 x 315
(L × W × H)	
Packing Dimension (mm)	550 x 420 x 370
Shipping Weight (kg)	8.2kg.
Shell material	Time molding waterproof and dustproof shell with Anti-static paint



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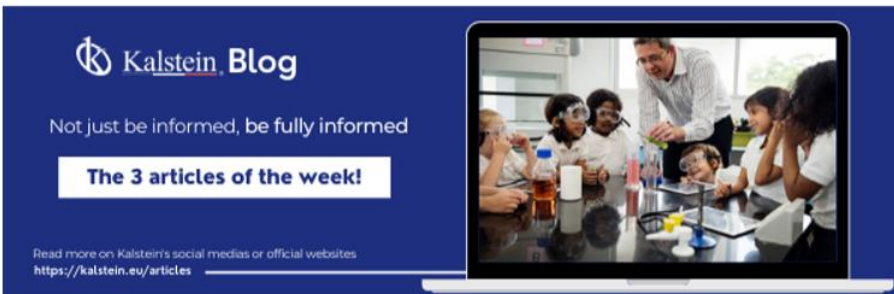
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