



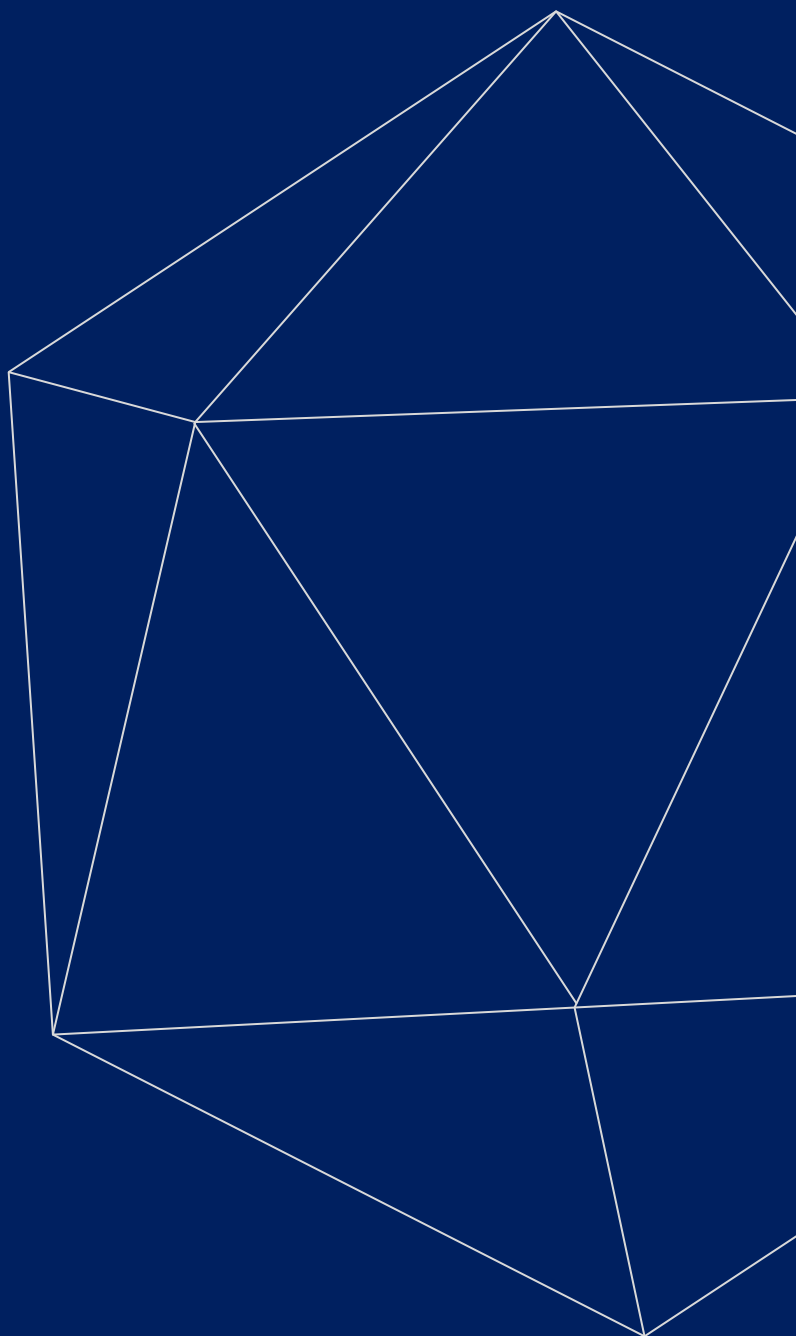
# LABORATORY SECTOR

## HOTPLATES AND HOTPLATE STIRRERS



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# Kalstein®

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**KALSTEIN® Hotplates and Hotplate Stirrers**  
**Hot Plate Laboratory Magnetic Stirrer**  
**Model YR02944**



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# KALSTEIN® Hotplates and Hotplate Stirrers

## Hot Plate Laboratory Magnetic Stirrer

### Model YR02944



#### 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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# KALSTEIN® Hotplates and Hotplate Stirrers

## Hot Plate Laboratory Magnetic Stirrer

Model YR02944



### Technical Description:

<b>Model</b>	YR02944
<b>Top Plate Dimension (mm)</b>	280 x 280
<b>Top Plate Dimension(Inch)</b>	11.02 x 11.02
<b>Temperature Control</b>	PID Auto control .
<b>Top Plate Shape</b>	Round or Square
<b>Top Plate Material</b>	Ceramic
<b>Temperature Range for machine</b>	Ambient to 400 degree.
<b>Max Temperature for top plate</b>	325 degree
<b>Top Material</b>	White ceramics and Black Ceramic are Both available .
<b>Temperature Display (°C )</b>	Digital Display
<b>Temperature control</b>	PID Auto control
<b>Temperature accuracy</b>	
<b>Thermocouple probe /sensor type</b>	PT100 , with inner and outer thermocouple .
<b>Stir Speed</b>	100- 1800 RPM
<b>Stir Display</b>	Digital display
<b>Stir speed accuracy</b>	#ERROR!
<b>Permissible Ambient Temperature</b>	Ambient Temperature to 40°C
<b>Voltage</b>	160 – 240V , or 110- 130V.
<b>Heating Power supply (w)</b>	1000
<b>Motor Power supply</b>	40W.DC20
<b>Machine power supply</b>	1100
<b>Stirring Flask Capacity (ml)</b>	50ML – 15L
<b>Overall Dimensions (mm)</b>	495 x 382 x 315
( L × W × H )	
<b>Packing Dimension (mm)</b>	550 x 420 x 370
<b>Shipping Weight (kg)</b>	8.2kg.
<b>Shell material</b>	Time molding waterproof and dustproof shell with Anti-static paint



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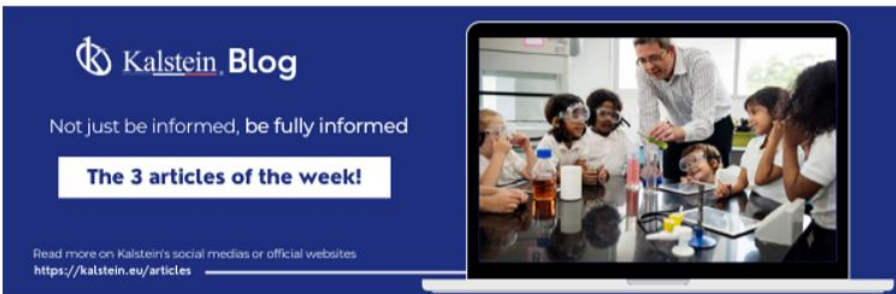
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PARIS - FRANCE  
**HEADQUARTER**  
2 Rue Jean Lantier  
75001 Paris - France

**Tlf:** +33 (0) 01 78 95 87 89  
**Cel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

<https://kalstein.eu/>  
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