



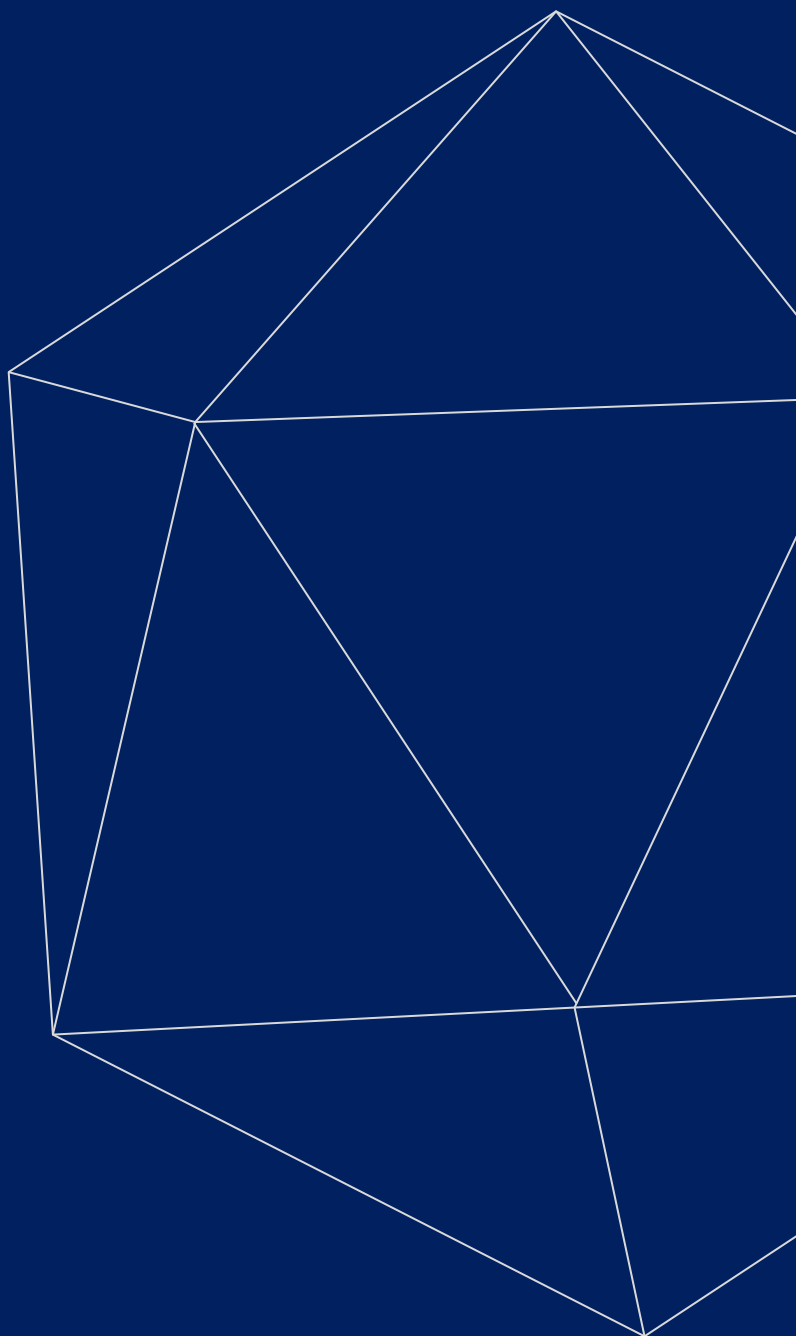
LABORATORY LINES

OVERHEAD STIRRERS



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A different accompaniment, at your service





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OUR SERVICES

Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



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In any part of the world, receive your induction or training from our specialized team of engineers



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Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



Stirring Head

Serie YR05008 / YR05009 / YR05010 / YR05011 / YR05012



Kalstein's YR Homogenizer Series are suitable for mixing low, medium and high viscosity liquids in the laboratory, it can disperse and homogenize particle materials, tissues and cells in the liquid medium.

Model	YR05008 -YR05012
Rated Voltage	AC 110V
Rated Frequency	50/60 Hz
Input Power	850W
Output Power	500W
Rated torque	18N.cm
Work mode	S1 (Continuous)
Operation control mode	Touch Screen
Speed Range	1000-28000 rpm
Rotating Speed Control type	Stepless
Speed Digital Display	TFT-LCD
Timing control Range	1-1000min
Stirring Head Specification	12G/18G/20G/24G /30G/36G
Ambient Temperature	Not more than 40°
Relative Humidity	Not more than 80%
Size of the mixer (W*D*H)	215*310*700mm
Weight	10 KG
Stirring Head Material	AISI 316

Features:

- ✓ Is Driven by micro-high-speed motor with stable performance
- ✓ Speed stepless adjustment, can be corrected in real time
- ✓ Large LCD touch screen operation, real-time display of speed and torque.
- ✓ With Speed memory function, button stop and start at any time.

	YR05008	YR05009	YR05010	YR05011	YR05012
Stirring head specification	12G	18G	24G	30G	36G
Mixing capacity(H ₂ O)(ml)	30-800	50-1500	80-5000	100-8000	150-13000
Max viscosity tolerated(mPa.s)	1000	2000	5000	6000	7000
Max temperature tolerated(°C)	120	120	120	120	120
Overall length(mm)	215	222	225	235	238
Stator diameter(mm)	12	18	24	30	36
Stirring head material	SS316	SS316	SS316	SS316	SS316
Bearing material	PTFE	PTFE	PTFE	PTFE	PTFE
Peak linear speed of the rotor(m/s)	12	15	18	22	26
Minimum height of the liquid immersed(mm)	35	45	50	60	65
Maximum height of the liquid immersed(mm)	150	160	165	170	175



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Stirring Head

Serie YR05008 / YR05009 / YR05010 / YR05011 / YR05012



Parameters per Model

Model	YR05008	YR05009	YR05010	YR05011	YR05012
Rated Voltage	AC 110V				
Rated Torque	50 / 60Hz				
Work Mode	S1 (continuous)				
Operation Control Mode	Touch Screen				
Speed Range	1000 – 28 000 rpm				
Rotating Speed Control Type	Stepless				
Speed Digital Display	TFT – LCD				
Timing Control Range	1 – 1 000 min				
Real-Time torque curve display	Yes				
Real-Time Frequency & Power	Yes				
Overhead Protection Function	Yes				
Mixing Capacity (H2O) (ml)	30 – 800	50 – 1 500	80 – 5 000	100 – 8 000	150 – 13 000
Max. Viscosity tolerated (mPa.s)	1 000	2 000	5 000	6 000	7 000
Max. Temperature tolerated (C°)	120				
Overall length (mm)	215	222	225	235	238
Stator Diameter (mm)	12	18	24	30	36
Stirring Head Material	Stainless Steel 316				
Bearing Material	PTFE				
Peak linear speed of the rotor (m/s)	12	15	18	22	26
Minimum Height of the liquid immersed (mm)	35	45	50	60	65
Maximum Height of the liquid immersed (mm)	150	160	165	170	175
Size of the Mixer (W x D x H)	215 x 310 x 700mm				
Weight	10 Kg				



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OF A KALSTEIN
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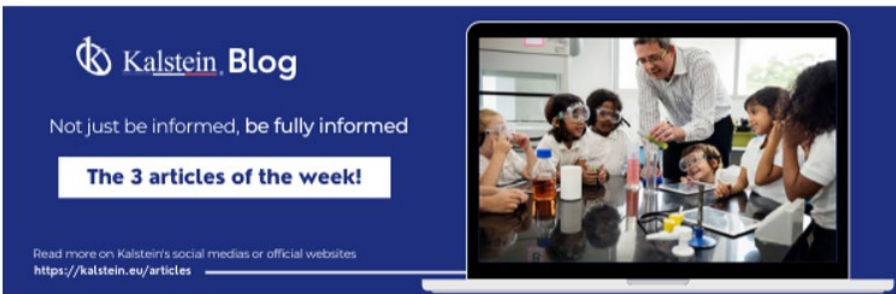
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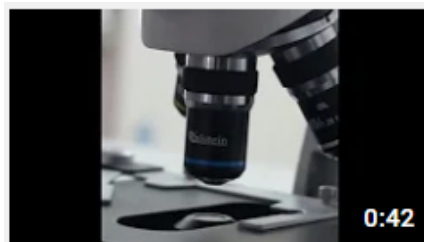
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