



LABORATORY SECTOR

HOMGENIZERS



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A different accompaniment, at your service





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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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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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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



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.



KALSTEIN® Homogenizer
Ultrasonic Homogenizer
Model YR05832 // YR05836



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KALSTEIN® Homogenizer
Ultrasonic Homogenizer
Model YR05832 // YR05836



Product Description:

Ultrasonic processor, also known as ultrasonic disintegrator, ultrasonic homogenizer, ultrasonic cell crusher, ultrasonic Nano-material disperser, etc. Is a kind of cavitation effect that uses strong ultrasound to produce cavitation effects in liquids and ultrasonically treat substances. A functional, multi-purpose instrument that can be used to break a variety of animal and plant cells, virus cells, and can be used for emulsification, separation, homogenization, extraction, defaming, cleaning, and accelerating chemical reactions. It is widely used in biochemistry, microbiology, medicinal chemistry, surface chemistry, physics, zoology and other fields.

Main application:

- ✓ Used for crushing animal and plant cells, bacteria, spores or tissues, extracting protein from cells, and conducting scientific culture experiments of viruses and vaccines.
- ✓ Accelerate the reaction speed of chemistry and physics and accelerate the degassing of liquid.
- ✓ Scientific analysis of crude oil dilution, oil-water emulsification, accelerated recrystallization, and glass homogenization.
- ✓ Disperse rare earths, various inorganic minerals, and prepare a homogenized mixture of nearly one percent of nanometer emulsion.
- ✓ Quick, powerful and high-precision lotion for mold micro-holes and blind holes.

Features:

- ✓ Large touch screen (TFT) is easy to read.
- ✓ High Quality and Reasonable Price, Time setting.
- ✓ All models with temperature indicator and controller.
- ✓ Auto-tuning for convenience use and optimal processing efficiency.
- ✓ Power-emitted display for accuracy and repeatability, Variable power output, 0-900 watts.
- ✓ Equipped with a soundproof box to reduce noise pollution during ultrasonic operation.
- ✓ These machines are controlled by microcomputers.
- ✓ The microcomputer regulates the ultrasonic frequency for more reliable operation.
- ✓ The machine will automatically give a warning signal if it malfunctions.
- ✓ Protective container prevents contamination and keeps noise level low during operation.
- ✓ Very wide range for power adjustment: the power level can be set between 1 and 99.9%, giving users control for more sensitive applications.
- ✓ Various sizes of ultrasonic poles can be purchased: very small-diameter probes can concentrate the power in very small volume samples (excellent for cell disruption of very small samples); larger-diameter probes are necessary for larger samples (especially useful for forming homogenous mixtures of larger volumes).



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KALSTEIN® Homogenizer Ultrasonic Homogenizer Model YR05832 // YR05836



Technical Description:

Models	YR05832	YR05833	YR05834	YR05835	YR05836
Ultrasonic Frequency(KHZ)	20-25				
Maximum Power(W)	650	900	1000	1200	1800
Optional Variable Amplitude Lever(φ) mm	2,3,6,10,12	2,3,6,10,12,15	2,3,8,10,12,15	10,15,22,25	10,15,22,25,28
Included with	6	10	15	22	25
Capacity	0.2-500	0.2-600	0.2-800	20-1000	20-1200
Electricity Supply (V)	220/110				
Temperature Control	NO	YES	NO	YES	YES



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Not just be informed, be fully informed

The 3 articles of the week!

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1
Read this ARTICLE NOW



How does the climate affect your microscope?

microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through the use of lenses or a system of mirrors that collect and focus light from the object being observed.

Kalstein Blog

Article of the week:
How does the climate affect your microscope?

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2
Read this ARTICLE NOW



What is the importance of the laboratory refrigerator?

Refrigerator is a device that is one of the most common pieces of equipment that is used in laboratories. It is a controlled environment (refrigerated space), which allows and allows the storage of samples and reagents.

Kalstein Blog

Article of the week:
What is the importance of the laboratory refrigerator?

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