



# LABORATORY LINES

## ORBITAL SHAKER



**Kalstein**®

A different accompaniment, at your service





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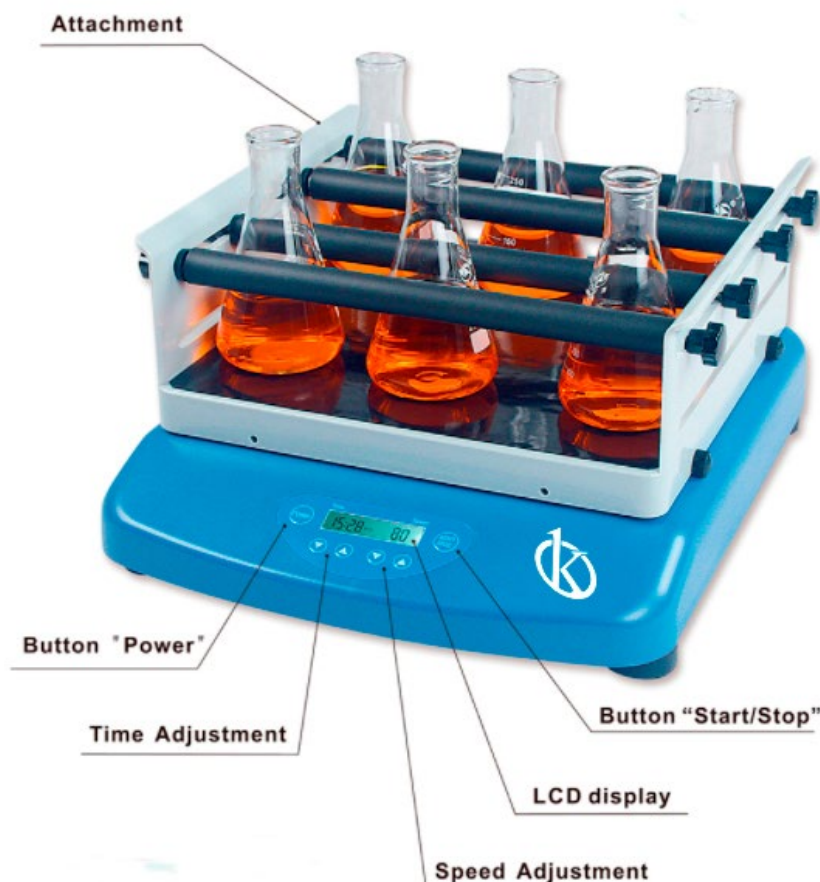
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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



## KALSTEIN® Orbital Shaker

Models YR03778 – YR03780



You can find an orbital shaker in almost every kind of laboratory. It is a very important device in order to perform tests and researches. The use of this instrument is very common; you can see them on a workspace, on top of lab's bench tops growing cultures. Selecting the right shaker is a very important step when it comes to building your laboratory.

Mixing samples, solutions and different substances is a very common technique in most medical, biological and chemistry labs. That is why we are presenting you with this orbital shaker model. Being this a mandatory instrument in your workspace.

### Orbital Shaker Function

A shaker is a piece of laboratory equipment used to mix, blend, or to agitate substances in tubes or flasks by shaking them, which is mainly used in the fields of chemistry and biology. An orbital shaker has a circular shaking motion, and it is suitable for culturing microbes, washing blots, and general mixing. Some of its characteristics are that they do not create vibrations, and they produce low heat compared to other kinds of shakers, which make it ideal for culturing microbes.

There are several options in sizes, functions and temperature, so the selection process can become a daunting task. However, we can make it

easy for you. In this case, this is an open-air bench top orbital shaker. Which means they are ideal for protocols that only require ambient temperatures such as staining, some solubility studies, extraction procedures, and washing procedures.

### Product Description

YR Orbital Shaker is suitable for shaking tasks with culture dishes, flasks and beakers, widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical labs and blood donation centres

### Product Features

- ✓ Suitable for shaking tasks with culture dishes, flasks and beakers
- ✓ LCD display of time and speed
- ✓ Wide range of attachments
- ✓ Timer with countdown function
- ✓ Adjustable speed
- ✓ Timer, from 1min to 24hrs or continuous operation
- ✓ Wide voltage and frequency
- ✓ Maintenance-free brushless motor



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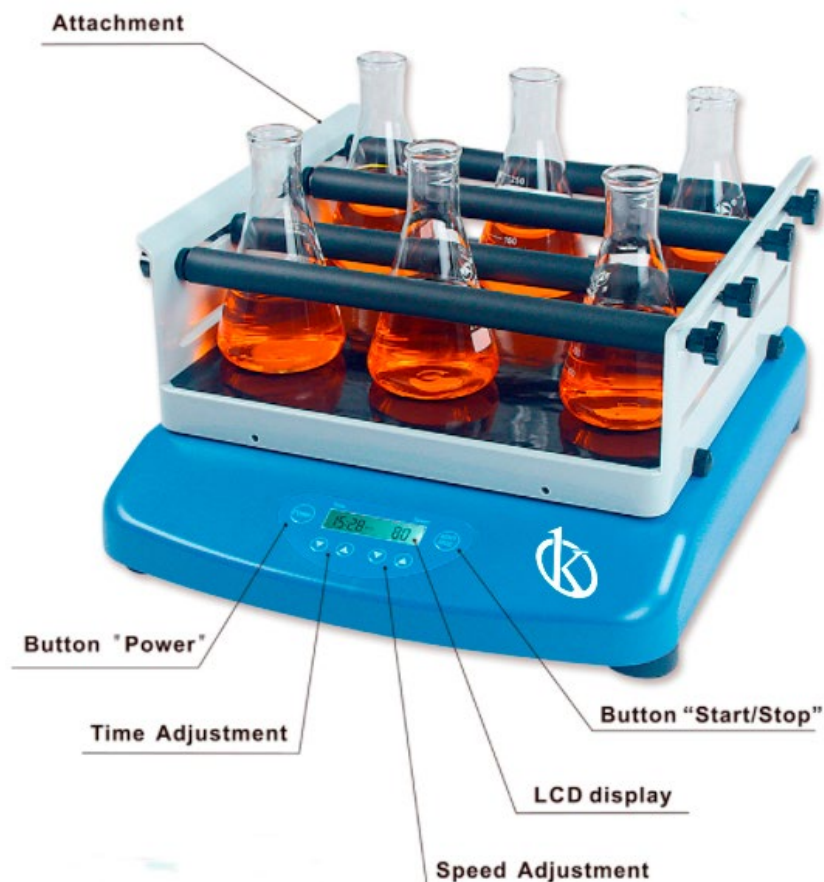


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## KALSTEIN® Orbital Shaker

Models YR03778 – YR03780



Model	YR03778	YR03779	YR03780
<b>Shaking Movement</b>		Orbital	
<b>Orbital diameter</b>	10 mm	20 mm	30 mm
<b>Max. Stirring Weight</b>		7.5 Kg	
<b>Engine power</b>		40W	
<b>Speed range</b>		30 r / min – 250 r / min	
<b>Timer</b>		1 min-24 hours / continuous operation	
<b>Screen Display</b>		LCD screen: Speed and time	
<b>Type of motor</b>		Brushless motor	
<b>Dimension</b>		360 x 420 x 100mm	
<b>Weight</b>		13 Kg	
<b>Voltage</b>		AC 100 – 240 V	
<b>Frequency</b>		50 – 60Hz	



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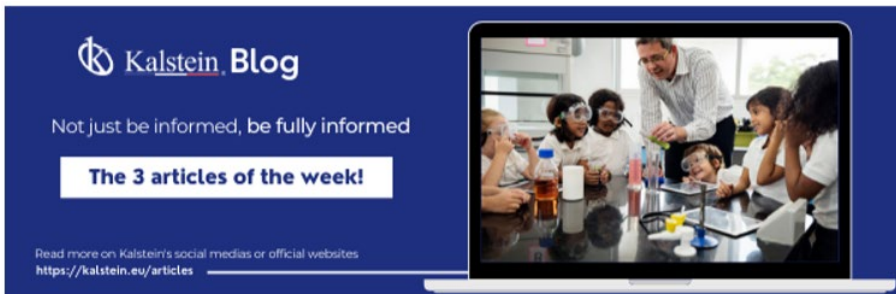
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