

Orbital Shaker



Model : YR406

Orbital Shaker

Manufacturer : Kalstein

Price : \$ 1,325.00

Description :

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.

Orbital shaker lab equipment

We are offering you two orbital shaker models the YR407 and YR406 models. They are powerful variable-speed shakers, which provides efficient orbital motion. Speed and time are under microprocessor control. The YR407 and YR406 models shakers can be applicable in different labs: microbiology, chemistry, immunology, biochemistry and molecular biology. These models feature digital speed control, making it more precise and practical. Their speed range is between 50 rpm and 250 rpm. Their orbit is 20 mm. In addition, they come with a universal platform, a flat platform or platforms with clamps. Moreover, these shakers have a maximum load capacity of 2.5Kg. These models can be used in a cold room or incubator. Their overall dimensions are 280 x 270 x 110 mm, their weight is 7.2 Kg and their power supply is DC24V.

Orbital Shaker

Product Model: YR407 / YR406.

Product Name: Orbital Shaker.

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Product Information

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Code	Description
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YR406	AC100~240V, 50/60Hz, 2
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Features:

- Digital speed control.
- Speed range 50-250 RPM.
- Orbit 20 mm.
- Digital timer 1min – 99h59min.
- Universal platform, flat platform or platforms with clamps (see below).
- Maximum load capacity 2.5 kg.
- Orbital Shaker can be used in a cold room or incubator.
- Operating ambient: temperature range +5°C to +40°C.
- Overall dimensions: 280 x 270 x 110 mm.
- Weight: 7.2kg.
- Power supply: DC24V.

Orbital Shaker

Platforms for YR406

P P 1 2 - 1 0 0 Platform with clamps for flasks, 100-150ml.

P P 0 6 - 2 5 0 Platform with clamps for flasks, 250-300ml.

U P - 1 Universal platform with adjustable bars for different types of flasks, bottles.

P P - 1 Flat platform with non-slip rubber mat.

Parameters by Models

Orbital Shaker

Orbital Shaker

	YR406	YR407
Model:	YR406	YR407
Shaking Speed	50~250rpm	50~300rpm
Orbit	20mm	10mm
Independent timer	1min~99h59min	1min~99h59min
Load capacity	See below table	See below table
Load capacity	2.5kg	3.0kg
Motor	DC brushless	DC brushless
Operating ambient	4-45°C	4-45°C
Dimension(L x W x H) mm	280 x 270 x 110	280 x 270 x 110

Orbital Shaker

Options available for Orbital Shaker :

Variation

(YR407) Orbit: 10mm / Shaking Speed: 50~300rpm,
(YR406) Orbit: 20mm / Shaking Speed: 50~250rpm.