



A **laboratory shaker** is commonly used for laboratory mixing or helping in growing cultures. It operates at a certain speed and for a specific amount of time, depending on the experimental requirements. As an essential tool inside the lab, it is vital to know the right features and options that will fit your needs. Here are the key factors to serve as a guide before purchasing a laboratory shaker.

FACTORS TO CONSIDER WHEN PURCHASING A LABORATORY SHAKER

- ✔ Heavy-duty drive system
- ✔ Maintenance-free and brushless motor
- ✔ Load capacity
- ✔ Wide speed range
- ✔ Programmable and user-friendly control system
- ✔ Precise and wide temperature range
- ✔ Orbit diameter
- ✔ Multiple interchangeable platform
- ✔ CO₂-resistant option
- ✔ Wide timer range
- ✔ Ergonomic features
- ✔ Ports for easy access
- ✔ Adequate alarm system
- ✔ Energy-efficiency
- ✔ Accessories and options
- ✔ Warranty period
- ✔ After-sales service



TYPICAL QUESTIONS YOU SHOULD ASK

- What is the shaking speed range of the unit?
- Does the unit have temperature control?
- What is the temperature range of the incubator shaker?
- What is the shaker's maximum load capacity?
- What type of platform is available for all the vessels?
- How many vessels can it accommodate?
- What is the orbit diameter of the lab shaker?
- Is the ambient shaker CO₂-resistant?
- What accessories are compatible with the shaker?
- What are the safety features of the laboratory shaker?
- Is the equipment user-friendly?
- How long is the warranty period?



WHY YOU NEED A NEW ONE

- Setting up a new laboratory.
- Replacing an old and less efficient unit with high operating costs.
- Defective laboratory shaker unit.
- The temperature range is not enough for the experimental requirement.
- The lab shaker cannot accommodate all the required vessels.
- Additional unit due to an increased laboratory workload.
- The unit is inefficient and the service provider is inaccessible.



AS1-C-25
OrbiCult™ Ambient Shaker



IBS-R-19-
OrbiCult™ Incubator Benchtop Shaker



Esco OrbiCult™ Shakers:
The ideal choice for various shaking applications.

