



Ibx instruments ORB-B2 Orbital Shaker with Digital Screen and Timing Function User Manual

[Home](#) » [IbX instruments](#) » Ibx instruments ORB-B2 Orbital Shaker with Digital Screen and Timing Function User Manual 

Contents

- [1 ORB-B2 Orbital Shaker with Digital Screen and Timing Function](#)
- [2 Installation Instructions](#)
- [3 Preface](#)
- [4 Service](#)
- [5 Warranty](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)



ORB-B2 Orbital Shaker with Digital Screen and Timing Function



Product Information

The ORB-B2 Orbital Shaker with Digital Screen and Timing Function is a high-quality instrument designed for laboratory use. It features a digital screen and timing function, allowing for precise and controlled shaking of samples. The instrument comes with a 24-month warranty, covering defects in materials and workmanship under normal use and service. The warranty is valid for the original purchaser and does not apply to products or parts damaged due to improper installation, connections, misuse, accidents, or abnormal conditions of operation. For warranty claims, please contact your supplier.

Installation Instructions

1. Carefully unpack the instrument and place it on a stable, clean, non-slip, and fireproof surface.
2. Ensure a good working environment free of any combustible media or flammable materials to avoid additional hazards.
3. Place the shaker at a distance of more than 10cm from the wall and other units if using multiple units together.
4. Ensure that there is no accidental spillage during speed setting.
5. Do not use any combustible media or flammable materials to avoid any additional hazards.
6. Ensure that the label indicates the correct voltage before connecting the unit to the power supply.
7. Do not operate the unit with a damaged power cord.
8. Disable the power supply while fitting the accessories.
9. Ensure that the unit and its accessories are in good working condition before each operation.

Operating Procedure

1. Switch ON the power and the instrument will start self-checking.
2. Press the Mode key and the unit will enter the adjustment mode.
3. Press the +/- keys and confirm the set speed and time. Adjust the speed and time to the desired settings.
4. Press the Start key and the instrument will begin shaking.
5. Press the Stop key to stop the operation and return the unit to adjustment mode.

Troubleshooting and Error Code Information

Error Code	Problem	Reason	Solution
E01	No operating response found (LED OFF)	Power switch is OFF	Check and connect the power supply before restarting.
E02	Internal cables disconnected	Switch position is OFF	Check the adapter. Turn on the instrument and check the speed set on the LED display.
E03	Inaccurate shaking speed	Driver board damage	Set the target speed and make sure the indicator lamp is ON. Replace the driver board if necessary.
E04	Shaking speed is jammed	Motor damage	Replace the motor. Replace the driver board if necessary.
E05	Target speed is not set	Driver board damage	Set the target speed and replace the driver board if necessary.
E06	Photoelectric switch damage	Motor damage	Replace the photoelectric switch. Replace the driver board if necessary. Replace the motor if necessary.

For more information and support, please visit our website at www.labbox.com.

ORB-B2 Orbital Shaker with Digital Screen and Timing Function

Please read the User Manual carefully before use, and follow all operating and safety instructions!

Preface

Users should read this Manual carefully, follow the instructions and procedures, and beware of all the cautions when using this instrument.

Service

In order to guarantee this equipment works safely and efficiently, it must receive regular maintenance. In case of any faults, do not try to repair it yourself. If help is needed, you can always contact your dealer or Labbox via www.labbox.com


Please provide the customer care representative with the following information:

- Serial number
- Description of the problem
- Your contact information

Warranty

This instrument is warranted to be free from defects in materials and workmanship under normal use and service, for a period of 24 months from the date of invoice. The warranty is extended only to the original purchaser. It shall not apply to any product or parts which have been damaged on account of improper installation, improper connections, misuse, accident, or abnormal conditions of operation. For a claim under the warranty please contact your supplier.

Documents / Resources

	<p>lbx instruments ORB-B2 Orbital Shaker with Digital Screen and Timing Function [pdf] User Manual</p> <p>ORB-B2, ORB-B2 Orbital Shaker with Digital Screen and Timing Function, ORB-B2, Orbital Shaker with Digital Screen and Timing Function, Orbital Shaker, Digital Screen Shaker, Timing Function Shaker</p>
---	--

References

- [Lab supplies - Labbox Export](#)

Manuals+.