



lbx instruments LBX MCEN-L05-001 Low Speed Mini Centrifuge User Manual

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**LBX MCEN-L05-001 Low Speed Mini Centrifuge
User Manual**



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

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Preface

Thank you for purchasing our product. Users should read this manual carefully, follow the instructions and procedures, and beware of all the preventive measures when using this instrument.

Service

If help is needed, you can always contact your dealer or Labbox via www.labbox.com

Please, provide the customer service representative with the following information:

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

Warranty

This instrument is guaranteed to be free from defects in materials and workmanship under normal use and service, for a period of 12 months from the date of invoice. The warranty is extended only to the original purchaser. It shall not apply to any product or parts that have been damaged due to improper installation, improper connections, misuse, accident or abnormal conditions of operation.

For claim under the warranty, please contact your supplier.

Packing list

Main unit ×1, A6-15P rotor × 1, Simple user manual × 1

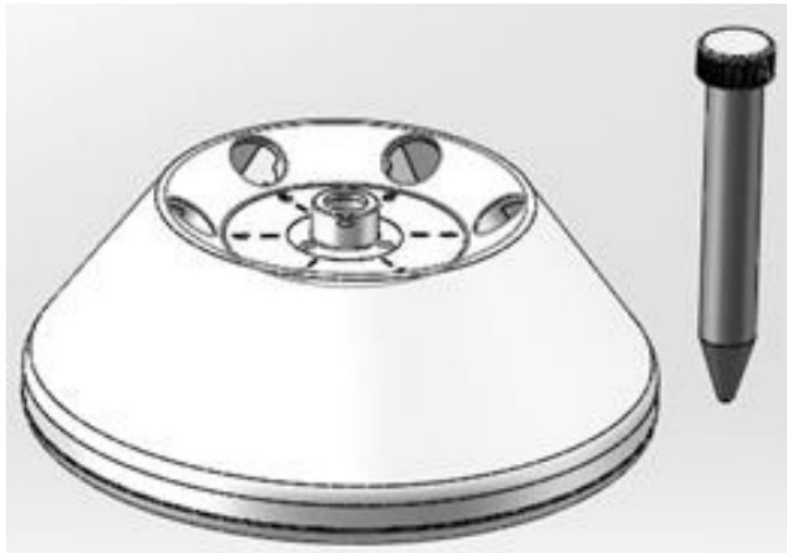


Installation instructions

1. Unpack and place the centrifuge on a solid and flat surface (Laboratory bench space).
2. Ensure good working environment and ambient temperature of 15°C-25°C.
3. Protect the centrifuge from direct sunlight or temperature of higher than 30°C.
4. Place the unit at >10cm distance from other objects to allow good ventilation& performance.
5. Please keep the centrifuge away from heat or water (liquid) and chemicals.

Rotor preparation

1. Prepare the samples to be separated
2. Place samples into the centrifuge tube The amount of sample should not exceed the allowed maximum amount set forth in this user manual.
3. Ensure the balanced centrifuge tube
4. Rotor installation and replacement
5. Insert the centrifuge tubes symmetrically onto the rotor in place without imbalance



Operation

1. Program P1/P2: Press P1/P2 key to enter the fixed program, press P1/P2 key for 5 seconds to enter the program setting interface, press the P1/P2 key to switch the spinning speed, time, centrifugal force, and adjust the parameters by rotating the knob. The parameters are automatically saved after the setting is finished for 7 seconds; the parameters of the setting can be memorized and saved, and automatically recalled when the machine is turned on again;
2. Set operating parameters: Press the knob to select the parameter Speed, RCF or time and rotate to input or modify accordingly.
3. Set the rotation speed Press the Select key to choose the rotation speed, adjust the parameter value in rpm. The minimum rotation speed is 300rpm, the minimum increment is 10rpm. Set the run time: Set the time parameter value to desired setting within the range of 30s-99min. When the time displays HD, this is a continuous running mode.
4. Switch the deceleration speed: Press the knob for 5 seconds and after sound reminder, switch between 1 and 2 steps;

Start Run

- 1 Press Start button to start running
- 2 View and modify the operation programs

Operation programs can be modified after the centrifuge reaches the set speed. Pressing the knob to return the program interface and displays setting programs. Press the knob and when parameter flashing, rotate knob to modify values. Release the button after 5 seconds, and the centrifuge will return to normal operation mode and run according to the new value.

Stop running

When the set run time is completed the centrifuge stops its run operation automatically or it can be stopped by


pressing the . Open the outer lid to remove the samples and rotor.

Open the door manually

If power is off by accident, the door can be opened manually by sliding the switch to right which is at the bottom right front side.



Documents / Resources

	<p>lbx instruments LBX MCEN-L05-001 Low Speed Mini Centrifuge [pdf] User Manual LBX MCEN-L05-001 Low Speed Mini Centrifuge, LBX MCEN-L05-001, Low Speed Mini Centrifuge, Speed Mini Centrifuge, Mini Centrifuge, Centrifuge</p>
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References

-  [Lab supplies - Labbox Export](#)
-  [Lab supplies - Labbox Export](#)