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# TENCAN

## Product Brochure



**RESEARCH EQUIPMENT**

## Mini Centrifuge

**LX**

Mini Centrifuge (also known as palm centrifuge) offers simple, one-touch operation. Load microtubes, close the lid, and it starts, quickly reaching max speed. Ideal for quick spin-downs in labs.

<https://www.planetaryballmills.com/products/research-equipment/mini-centrifuge.html>



## Product Overview

Mini Centrifuge (also known as palm centrifuge) offers simple, one-touch operation. Load microtubes, close the lid, and it starts, quickly reaching max speed. Ideal for quick spin-downs in labs.





## Product Introduction

The mini centrifuge (also called handheld centrifuge or microcentrifuge) is simple and convenient to operate. You only need to place the microtube and close the lid to start. The rotor can quickly reach the highest speed. Its centrifugal force is evenly and quickly applied to the cap and wall of the microtube. It is especially suitable for processing PCR tubes and microfiltration, quickly shaking off reagents from the test tube wall or test tube cap, and slow centrifugation of test tubes or row tubes.

## Dispersion Series

# Product Features

1. Airflow-guided temperature design prevents high temperatures from affecting samples during high-speed operation.
2. Streamlined design, elegant appearance, compact footprint; can simultaneously separate  $12 \times 0.5$  mL samples in one run.
3. High-quality composite materials and modern manufacturing process ensure stable operation and safety.
4. When the lid is opened, the rotor stops immediately to avoid injuries caused by rotation.
5. Uses advanced wide-voltage power technology (100V–220V) to ensure reliable performance.
6. Equipped with multiple interchangeable rotor heads for versatile use and flexible operation.
7. Rubber base keeps the machine from moving during operation.
8. Suitable for individual laboratory use, can be placed on the bench, and can also be used in low-temperature environments.

## Lid Release Button

Easy to operate



## Stops When Lid Opens

Only 3 seconds, safer experiments

## Sturdy Base

The base is made of zinc alloy



## Technical parameters

model	LX-4K	LX-4KS	LX-6KS	LX-8KS	LX-11KS
Speed(rpm)	4000	4000	6000	8000	11000
Relative centrifugal force (xg)	940	940	2100	3700	7100
Open the lid	Semi-automatic				
Open cover system protection	Double brake insurance				
acceleration time	Reach 90% of rated speed in 5 seconds				
Reduce time	Within 15 seconds after opening lid		Within 3 seconds after opening lid		
rotor	8x0.2/0.5/1.5/2.0ml angle rotor 8x4x0.2ml PCR tube				
running time	continuous		Continuous or timed 1~99min		
motor	DC motor				
Input power	AC100-240V/50Hz/60Hz				
Noise(dB)	≤45				
Overall dimensions (mm)	175*135*120				
Weight(kg)	1.4	1.5	1.5	1.6	1.6

## Product Features

1. Temperature diversion design, high-speed operation will not produce high temperature and affect the sample
2. Streamlined design, beautiful and elegant; takes up little space, but can separate 12\*0.5ml at one time
3. High-quality composite materials and modern production technology; smooth operation; guaranteed safety
4. When the cover is opened, the rotor stops running immediately to avoid possible injuries caused by rotation.
5. Adopt the world's most advanced broadband power supply technology (100V-220V) to ensure operation quality;
6. The whole machine is equipped with multiple interchangeable rotor heads, which can be used for multiple purposes and with flexible parameters.
7. With rubber base to keep the machine from moving during operation
8. It can be used for personal use in the laboratory, on the experimental bench, or in low-temperature and cold environments.

## **Accessories & Customization**

### **Accessories**

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

### **Customization**

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.