



Technical resources

Mini high-speed centrifuge

<https://www.tencanballmills.com/en/products/research-equipment/mini-high-speed-centrifuge.html>

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Mini high-speed centrifuge

Model:

Mini high-speed centrifuge for separating solid particles from liquids or immiscible liquids of different densities. Ideal for lab, dairy, and chemical applications.

Technical specifications

Speed range	500~15000rpm
Centrifugal force	16~15080g
Sample capacity	12 × 2 or 1.5 centrifuge tubes

These specifications describe the series. Confirm the selected model, power supply and configuration before ordering.



Micro high-speed centrifuge is mainly used to separate solid particles from liquid in suspension; or to separate two liquids with different densities and immiscible in emulsion (such as separating cream from milk); it can also be used to remove liquid from wet solids, such as laundry. The machine spins dry wet clothes; special ultra-fast tube separators can also separate gas mixtures of different densities; taking advantage of the different sedimentation speeds of solid particles of different densities or particle sizes in liquids, some sedimentation centrifuges can also classify solid particles according to density or particle size.

Desktop microcentrifuge for general use in laboratories. It has low noise, high speed, long life, small size, light weight, and is easy to carry. It can meet the scientific research and routine needs of many industries such as universities, scientific research institutions, food, agriculture, petroleum, and medical and health institutions.

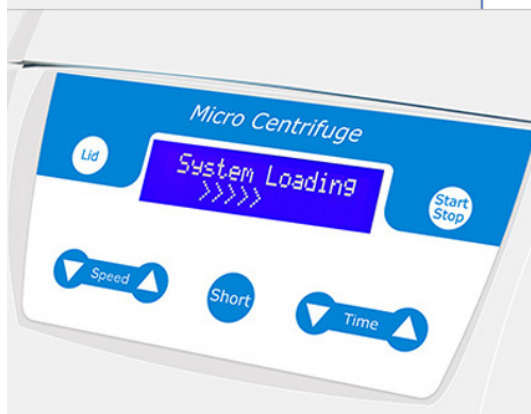
分散系列

产品特点

- 1.微处理器数字控制时间与速度数控，准确直观；
- 2.漂亮造型和简洁外观，可以在实验台或者安全柜或者寒冷环境中使用；
- 3.最大容量:12x1.5ml或1.5ml的离心管；
- 4.离心机内室采用空气流动模式设计，保证样品低温而不破坏样品；
- 5.安静和稳定的运行无刷免维护电机保证离心机能有更高的加速度和更平稳的工作；
- 6.最高转速运行30分钟后，温度升高仅为10°C；
- 7.人性化的按键，操作简单，方便瞬时离心；
- 8.可高温高压灭菌的耐腐蚀转子，减免对样品的污染，提高实验效率；
- 9.离心机盖具有自锁功能，离心时无法开启，转头停止转动后盖子自动打开。

上盖观察窗

实时监控实验进程



窗口式显示屏

读数清晰，设置简单

不锈钢样品盖

轻松安装 稳固不松动



Technical parameters

分散系列

参数介绍

型号	LX-15KS
转速范围 rpm	500-15000
离心力 g	16-15080
样品容量 ml	12*2 或 1.5 离心管
定时设置	15S-99min59S/8
加速时间 S	14(0-15000rpm)
减速时间 maxS	14(15000 至 1000rpm)
转子升温 max °C	5(室温 25 ° C15000rpm/30min)
检测功能	自动失衡检测
保护功能	过温保护
输入功率 w	120
输入电压	DC24V/5A
外形尺寸 mm	255*194*140
环境温度 °C	0-35
相对湿度%	≤70
使用电源 V	110-220
毛重 Kg	4
净重 Kg	3.5

1. Microprocessor digital control of time and speed, accurate and intuitive
2. Beautiful shape and simple appearance, can be used on experimental benches or safety cabinets or in cold environments
3. Maximum capacity: 12x1.5ml or 1.5ml centrifuge tube
4. The inner chamber of the centrifuge is designed with an air flow pattern to ensure that the sample is kept at low temperature without damaging the sample.
5. Quiet and stable operation, brushless and maintenance-free motor ensures higher acceleration and smoother operation of the centrifuge.
6. After running at the highest speed for 30 minutes, the temperature rise is only 10°C
7. Humanized buttons, simple operation, convenient for instant centrifugation

8. The corrosion-resistant rotor can be sterilized by high temperature and high pressure to reduce sample contamination and improve experimental efficiency.
9. The centrifuge cover has a self-locking function and cannot be opened during centrifugation. The cover will open automatically after the rotor stops rotating.

Contact

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Before operation, review the selected model's instructions and the material requirements.