

AS185HR 台式高速冷冻离心机

AS185HR Tabletop High Speed Refrigerated Centrifuge



AS185HR 台式高速冷冻体积小、高度适中、10 款不同容量转子，可满足广泛的离心应用，其中有微量离心管、PCR 排管、微孔板，15/50ml 尖底离心管和采血管等转子、12x1.5ml 最高转速可达 18500r/min，其离心性能不逊色任何一台大型台式离心机。

AS185HR tabletop high speed refrigerated centrifuge is compact with suitable height. 10 kinds of rotors with different capacity can meet widely the centrifugation application. The centrifuge can either conduct micro tubes, PCR trip tube, microplate or 15ml/50ml falcon tube and evacuated tube centrifuging (12x1.5mL rotor with max. speed 18500rpm) , which has the same good performance like the big type centrifuge.

◆7 寸高灵敏度（可戴手套直接操作）、高清（800*480）触摸屏控制，操作简便，显示直观；
7 inches high sensitivity (can be directly operated with gloves) and HD touch screen, easy operation with easy readout.

◆设置参数与运行参数同屏显示，直观、易懂；

The setting and running parameters can be displayed in real time with easy and intuitive display.

◆直接输入设置参数数值，可快速设置参数，快捷、方便（同类型按钮式产品设置参数时需来回多次调节按键）；

Directly input the setting value for fast and convenient operation without adjusting the parameters back and forth for many times (compare to the key board control products).

◆离心力与转速可通过按钮自动切换，可快速设置转速或离心力（内部计算对应的转速或离心力）；

RCF and speed can be automatically switched through the button, to set the speed or RCF quickly (calculate the corresponding RCF or speed by internal system).

◆计时单位有 1s-99min59s 或 1h-99h59min 两种可以任意选择；

Time setting range has 1s to 99min59s and 1min to 99h59min for optional.

◆计时模式有启动计时或到转速计时或连续计时三种模式任意选择。

Timing modes have three kinds for optional: start timing, speed timing and continuous timing.

◆最多可选中五组程序，实现阶梯离心，使实验可以多元化、多步骤一次执行；

Each program can be divided into 5 steps of different rpm and time setting for each step. Pressing START the 5 stages will be executed in sequence, one after the other.

◆可以设置 100 组程序，并可对每组程序进行简易命名，更方便使用时调取与区分不同的实验，方便实现实验的可重复性；

It can save 100 user set programs and named easily accessible to the user. It would be friendly for users to select and identify for different experiment as well as convenient to realize the repeatability of the experiment.

◆11 档加速，12 档减速档位；其中第 10 档为自定义档位，可以根据实验需求自定义加速、降速时间；

11 acceleration profiles and 12 deceleration profiles are provided. Among of them, one ACC and DEC profiles can be customer-designed based on the experiment requirements.

◆变频压缩机，PID 动态智能调节控温（专利号 ZL201922274761.7），温度控制精确、噪音小、绿色节能（10℃控温减少 35 % 能耗）

VF compressor with PID dynamic intelligent temperature control technology (Patent No. ZL201922274761.7), which is low noise and green energy saving (reduces 35% energy consumption for 10℃ temperature control), can reach accurate temperature control.

◆可以根据实验的时间间隔设置仪器的休眠时间（默认值为 15 分钟）；保证实验时制冷效果良好；实验后仪器进入休眠，绿色节能，增加仪器的使用寿命；

According to the time interval of the experiment, the sleep time of the instrument can be set (the default value is 15 minutes), which can ensure the good refrigeration effect as well as save energy and increase the service life of the instrument.

◆一键启动预冷程序，预冷参数可以根据转子不同进行自定义设置；并且可以实现预约预冷，提前预冷，进入实验室即可进行实验，节约时间；

The precooling program can be started by one button, and the precooling parameters can be customized according to the different rotors; and precooling can be scheduled in advance, and the experiment can be carried out once entering the laboratory to save time.

◆内置冷凝水槽及防护、避免冷凝水集聚、防止腐蚀，提高仪器使用寿命；

Built in condensation water tank can avoid the condensation water gathering and prevent corrosion, which can improve the service life of the instrument.

◆运行记录、故障记录自动保存，可以有效的查看仪器的运行情况与每批样品的分离情况；

The running records and diagnostic records can be saved automatically, through which can effectively check the operation of the instrument and the centrifugation of each batch sample.

◆交流变频电机，无碳粉污染，免维护，使用寿命长、转速控制精度准确（小于 10r/min）；AC frequency conversion motor is maintenance free and no carbon pollution with long service life and accurate speed accuracy (less than 10rpm).

◆自动识别 10 种不同转子既可微量离心(12x1.5ml 转子最高转速达 18500r/min)，又可简易检验 (4x100ml 转子配多种适配器)；

Automatic identification of 10 rotors. The centrifuge can either conduct micro centrifuging(12x1.5mL rotor with max. speed 18500rpm) or easy check 4x100mL which is compatible with various adapters.

简易特点描述:

AS185HR 台式高速冷冻离心机体积小、高度适中、10 款不同容量转子。

仪器特点:

- ◆7 寸高清触摸屏控制，操作简便，显示直观。
 - ◆自动识别 10 种不同转子既可微量离心 12x1.5ml 转子（最高转速达 18500r/min），又可简易检验（4x100ml）转子，配多种适配器。
 - ◆气密性转子，有效防止气溶胶及液体外泄。
 - ◆采用进口高性能环保压缩机组，制冷效果好。
 - ◆9 种升速曲线、10 种减速曲线、有效的防止二次悬沉，使离心效果达到最佳。
 - ◆整机噪音小，最高转速时接近于静音。
 - ◆用户可设置多组程序，并可对每组程序进行简易的描述，更方便使用时调取。
 - ◆设有超速、超温、电机过热、门盖自锁、不锈钢内套、三级保护套等多种保护、确保人身、机器安全。
 - ◆前板、门盖一次性模具成型，流线型外观、简介、大方，符合人机工程学。
- 内置冷凝水槽及防护、避免冷凝水集聚、防止腐蚀，提高仪器使用寿命。

技术参数 TECHNICAL PARAMETER

型号	AS185HR
订货号	
最高转速	18500r/min
最大相对离心力	23797xg
最大容量	4×100ml
转速精度	±10r/min
定时范围	1min~99min59sec 或 1min~99h59min
温度设定范围	-20℃~+40℃
温控精度	±1℃
压缩机组	进口高性能压缩机组环保制冷剂（R134A）
整机噪声	< 65dB (A)
电源	AC220V±22V 50/60Hz 16A
整机功率	1200W
外形尺寸（长×宽×高）	380×660×330 (mm)

外包装尺寸（长×宽×高）	480×940×460 (mm)
重量	48kg

转子:

转子号	产品名称	最高转速(rpm)	最大离心力(xg)	容量
No.1	角转子	18500	23797	12x1.5/2.2ml
No.2	角转子	12000	13200	8x15ml(尖底)
No.3	角转子	12500	16060	12x10ml
No.4	角转子	11000	12850	6x50ml（圆底）
	角转子			6x50ml(尖底)
No.5	水平转子	5000	3773	4x100ml
No.6	酶标板转子	4000	2200	2x2x96 孔
No.7	角转子	15000	21532	24x1.5/2.2ml
No.8	角转子	13000	16410	48x0.5ml
No.9	角转子	10000	10744	4x100ml
No.10	角转子	16000	18090	12x5ml