

HIGH SPEED CENTRIFUGE



BR-HSC-20K High Speed Centrifuge with Digital Display

This all-purpose large capacity high speed centrifuge is versatile in use and fits in every lab thanks to its compact design. With an extensive range of rotors and accessories and high RCF values up to 28174xg, it is suitable for a wide variety of applications. The tube capacities extend from 0.2 ml to 100 ml in fixed-angle rotors and 1.5ml to 750 ml in swing-out rotors. Microtiter, well plates and vacuum blood collection tube can also be centrifuged.

FEATURE

- Applications: Hospitals, Veterinary clinics, Food labs, Universities & colleges, Pharmaceutical labs, Cell culture labs, Infant stations.
- Max. Speed 20000rpm.
- Max. RCF 28174xg.
- Max. Capacity 6*100ml fixed angle rotor, 4*750ml swing out rotor
- Matched Rotors Fixed angle rotors; Swing out buckets rotor; Microplate rotor
- Display LCD

SPECIFICATIONS

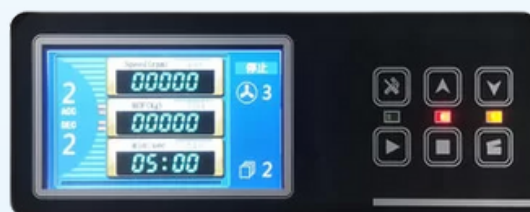


Design

- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive
- LCD Display the parameters of Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information and Error code information.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.

User friendly

- 3 levels damping for anti vibration. Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
- Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.
- Automatic lid-locking and holding during rotor run
- Easily exchangeable rotors
- Automatic troubleshooting with indication of error code and alarm on the screen.
- "Mute" patent technology. Noise level lower than 58 decibel at the highest rotational speed.
- Speed up to 21000rpm depends on rotor type



Safety

- Produced according to international safety regulations (e.g. IEC 61010)
- Safety Electrical lid interlock, door can not open when rotor is running and machine won't run when lid open and error code appears.
- Emergency lid-lock release when power failure.
- Gas hinge for lid drop protection.
- Safety protections are made for the over speed, over heating(motor, chamber), imbalance etc to ensure the man machine safety.