

gel card centrifuge designed for blood bank use and typing

Gel card centrifuge is a high-efficiency centrifugal equipment designed for experiments of blood type serology, routine blood and micro-column gel immunoassay.

Gel Card Centrifuge

Gel card centrifuge is suitable for many important applications such as blood group serology, blood routine, immunoassay, etc. It can help the experimenters to separate different components of blood efficiently and ensure the accuracy and reliability of the experimental results. The gel card centrifuge has easy operation, low noise operation and multiple safety protection functions.

Features

1. Space-saving, adaptable to small laboratories: compact design, does not occupy too much space.
2. All-steel structure, stainless steel centrifugal chamber: corrosion-resistant, not easy to be damaged by long time use.
3. DC brushless motor: maintenance-free, smooth running, low noise, suitable for long time use.
4. Real-time adjustment of parameters: support in the running process to modify the speed, time settings, without stopping, to ensure flexibility.



5. Security: equipped with electronic door lock and multiple protection mechanisms to avoid misoperation and ensure experimental safety.
6. Speed 4000rpm, blood type card rotor

Principle

1. Gel card centrifuge generates centrifugal force through high-speed rotation to stratify each component of blood samples, such as red blood cells, white blood cells, plasma and so on, for further blood type identification, immune response detection and so on.
2. Through the blood group card rotor, the micro samples are separated efficiently and uniformly.

Application Areas

1. Blood serology testing: mainly used for rapid and accurate determination of blood type, commonly used in clinical blood matching, blood type confirmation before transfusion.
2. Blood routine testing: Separate all kinds of components in blood, such as red blood cells, white blood cells, platelets, etc., for routine blood analysis.
3. Immunology testing: applied to the study of antibody and antigen reaction, suitable for micro-column gel method, immunoassay and other fields.

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| Model | CS50 |
| Maximum speed | 4000rpm |
| Maximum RCF | 1790xg |
| maximum capacity | 12 cards |
| Rotation Speed Accuracy | ±10rpm |
| Timer | 1 minute to 99 minutes |
| Centrifugal chamber diameter | 280mm |
| Noise | ≤65dB |
| Power supply | 230Vac, 50Hz, 10A |
| Power | 100W |
| Overall dimensions | 385x320x270mm |
| Net weight | 15kg |