

Gel Card Centrifuge



Application:

The machine uses brushless DC maintenance-free motor drive, microcomputer control, door cover protection, make your operation safer, more convenient, more reliable. It can be widely used in the separation of particles with different densities in scientific research laboratories and production units such as radioimmunity, biochemistry and pharmacy.

Features:

- \* With continuous, instantaneous, jog centrifugal function.
- \* Adopt microcomputer processor for precise control, easy to operate, and the LCD screen displays various operating parameters in real time.
- \* The instrument is equipped with a special step separation technology, and different gradients can be designed according to different reagent requirements.
- \* Built-in a variety of conventional centrifugation work programs, and customers can program the centrifugation program by pressing the button.
- \* Adopt large torque brushless DC motor, easy to operate, no dust, fast lifting speed.
- \* Electronic smart door lock: with system self-check protection system, safe and reliable, easy to operate.

Technical Parameters:

| Model           | BKC-TLCT4Y                                                              |
|-----------------|-------------------------------------------------------------------------|
| Max. Speed      | 4000rpm                                                                 |
| Max. RCF        | 2250×g                                                                  |
| Max. Capacity   | 24 cards                                                                |
| Timing Range    | 1s~999min                                                               |
| Speed Precision | ±20rpm                                                                  |
| Noise           | ≤60dB                                                                   |
| Consumption     | 200W                                                                    |
| Power Supply    | AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional, external transformer) |
| External Size   | 480*358*270mm                                                           |
| Package Size    | 540*420*340mm                                                           |
| Net Weight      | 16kg                                                                    |
| Gross Weight    | 20kg                                                                    |

Rotor:

| NO. | Rotors Type    | Max. Capacity | Max. Speed | Max. RCF | Adapter |
|-----|----------------|---------------|------------|----------|---------|
| 1   | Angle Rotor    | 12*5ml        | 4000rpm    | 2250×g   | 12*2ml  |
| 2   |                | 30*5ml        | 4000rpm    | 2250×g   | 30*2ml  |
| 3   | Gel Card Rotor | 12 cards      | 4000rpm    | 1480×g   | /       |
| 4   |                | 24 cards      | 4000rpm    | 2120×g   | /       |

Immune Blood Centrifuge



Introduction:

BKC-TB4G can be used for lymphocyte washing in HLA examination, erythrocyte washing in freezing test, etc. It is a special centrifuge developed for experiments such as erythrocyte washing and immunological detection.

Features:

- \* SERO rotor and HLA rotor centrifugation procedures were standardized.
- \* Set one-key quick switch function for SERO rotor and HLA rotor.
- \* Large torque brushless DC motor, maintenance-free, dust-free, fast lifting speed.
- \* Microcomputer processor precise control, TFT color LCD real-time display of all operating parameters.
- \* 3 sets of working procedures, can be quickly invoked and changed.

Technical Parameters:

| Model                | BKC-TB4G                                                                |
|----------------------|-------------------------------------------------------------------------|
| Max. Speed           | 4000r/min                                                               |
| Max. RCF             | 2000×g                                                                  |
| Max. Capacity        | 12*7ml                                                                  |
| Timer Range          | 1s~999min                                                               |
| Noise                | ≤55dB(A)                                                                |
| Consumption          | 200W                                                                    |
| Power Supply         | AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional, external transformer) |
| External Size(L*W*H) | 480*358*270mm                                                           |
| Package Size(L*W*H)  | 610*500*500mm                                                           |
| Net Weight           | 16kg                                                                    |
| Gross Weight         | 20kg                                                                    |

Rotor:

| Rotor                                | Max. Speed | Max. Capacity                 | Max. RCF | Use                                                |
|--------------------------------------|------------|-------------------------------|----------|----------------------------------------------------|
| Red blood cell cleaning rotor / SERO | 3000rpm    | 12*7/5ml<br>(Φ10-13*65-100mm) | 1000×g   | Blood type determination, blood cell agglutination |
|                                      |            |                               |          | Cross-fit experiment, anti-globulin experiment     |
|                                      |            |                               |          | Blood cell cleaning, serum and plasma extraction   |
| Lymphocyte cleaning rotor /HLA       | 4000rpm    | 12*(0.2-1.5)ml                | 2000×g   | Isolation: lymphocyte cultured cells               |
|                                      |            |                               |          | Platelet                                           |
|                                      |            |                               |          | Lymphocyte cleaning                                |