

## Table Top Low Speed Centrifuge



### Introduction:

BKC-TL6M is a microcomputer-controlled table top low speed automatic balancing centrifuge with a steel body and a spray plastic finish. It is widely applicable in research laboratories and production units for radioimmunoassay, biochemistry, pharmaceuticals and other fields for the separation of particles with different densities.

### Features:

- \* Embedded microprocessor control, push-button programming.
- \* The entire unit is constructed with a full steel structure, featuring a stainless steel centrifuge chamber.
- \* Imbalance detection feature, electrically controlled door lock with automatic opening and closing, interlocked with the motor.
- \* Adopting a bottom exhaust design, with an air outlet equipped with filter cotton for adsorption, to prevent biological cross-contamination.
- \* 10 lifting rates to choose from, fast lifting speeds.
- \* Capable of setting parameters such as centrifugal speed and time, viewing the centrifugal force at any time.

### Technical Parameters:

| Model                | BKC-TL6M            |
|----------------------|---------------------|
| Max Speed            | 6000rpm             |
| Max RCF              | 3970×g              |
| Max Capacity         | 2000ml              |
| Speed Precision      | ±20rpm              |
| Timing Range         | 1s~999min           |
| Noise                | ≤65dB               |
| Consumption          | 750W                |
| Power Supply         | AC110~220V, 50/60Hz |
| External Size(W*D*H) | 590*460*370mm       |
| Package Size(W*D*H)  | 770*600*640mm       |
| Net Weight           | 55kg                |
| Gross Weight         | 71.5kg              |

### Rotor:

| No.   | Rotor               | Max. Capacity                          | Max. Speed(rpm) | Max. RCF(×g) | Adapter                                                                                               |
|-------|---------------------|----------------------------------------|-----------------|--------------|-------------------------------------------------------------------------------------------------------|
| No.1  | Swing Rotor Support | 4*500ml                                | /               | /            | /                                                                                                     |
|       | Hanging Cup         | 4*500ml                                | /               | /            | /                                                                                                     |
|       | Adapter             | 4*250ml                                | 4000            | 3023         | /                                                                                                     |
|       |                     | 4*2*100ml                              |                 | 3023         | /                                                                                                     |
|       |                     | 4*100ml(▲)                             |                 | 3023         | /                                                                                                     |
|       |                     | 4*100ml                                |                 | 3023         | /                                                                                                     |
|       |                     | 4*3*50ml                               |                 | 3023         | /                                                                                                     |
|       |                     | 4*2*50ml                               |                 | 3023         | /                                                                                                     |
|       |                     | 4*50ml                                 |                 | 2808         | /                                                                                                     |
|       |                     | 4*4*30ml PP tube                       |                 | 2808         | /                                                                                                     |
|       |                     | 4*9*15ml                               |                 | 2808         | /                                                                                                     |
|       |                     | 4*8*15ml(▲)                            |                 | 2808         | /                                                                                                     |
|       |                     | 4*8*15ml                               |                 | 2808         | /                                                                                                     |
|       |                     | 4*12*10ml                              |                 | 3184         | /                                                                                                     |
|       |                     | 4*12*5ml blood collection tube         |                 | 2808         | 48*2ml                                                                                                |
|       | Tube Rack           | 4*16*10ml                              | 4000            | 2810         | /                                                                                                     |
|       |                     | 4*20*7ml PP tube                       |                 | 3139         | /                                                                                                     |
|       |                     | 4*24*5ml blood collection tube(106mm)  |                 | 3032         | 96*2ml                                                                                                |
|       |                     | 4*24*5ml blood collection tube(100mm)  |                 | 3032         | 96*2ml                                                                                                |
|       |                     | 4*20*5ml blood collection tube(106mm)  |                 | 3050         | 80*2ml                                                                                                |
|       |                     | 4*24*2ml blood collection tube         |                 | 2585         | /                                                                                                     |
|       |                     | 4*20*2ml blood collection tube(80mm)   |                 | 3050         | /                                                                                                     |
|       |                     | 4*25*1.5ml                             |                 | 2808         | /                                                                                                     |
| No.2  | Swing Rotor Support | 4*250ml                                | /               | /            | /                                                                                                     |
|       | Hanging Cup         | 4*250ml                                | /               | /            | /                                                                                                     |
|       | Adapter             | 4*1*100ml                              | 4000            | 2379         | /                                                                                                     |
|       |                     | 4*1*50ml                               |                 | 2379         | /                                                                                                     |
|       |                     | 4*9*10ml                               |                 | 2379         | /                                                                                                     |
|       | Tube Rack           | 4*4*50ml                               | 4000            | 3500         | /                                                                                                     |
|       |                     | 4*2*50ml(▲)                            |                 | 3023         | /                                                                                                     |
|       |                     | 4*20*5ml                               |                 | 3139         | /                                                                                                     |
|       |                     | 4*18*5ml blood collection tube(L106mm) |                 | 2808         | 72*2ml                                                                                                |
|       |                     | 4*12*5ml blood collection tube(L75mm)  |                 | 2808         | /                                                                                                     |
|       |                     | 4*12*5ml blood collection tube(L100mm) |                 | 2808         | 48*2ml                                                                                                |
|       |                     | 4*12*5ml blood collection tube(L106mm) |                 | 2808         | 48*2ml                                                                                                |
|       |                     | 4*10*5ml blood collection tube(L106mm) |                 | 2808         | 40*2ml                                                                                                |
| No.3  | Swing Rotor Support | SUS304 Support                         | /               | /            | /                                                                                                     |
|       | Hanging Basket      | 4*2*100ml                              | 4000            | 3175         | /                                                                                                     |
|       |                     | 4*1*100ml                              |                 | 3007         | /                                                                                                     |
|       |                     | 4*2*50ml                               |                 | 3022         | /                                                                                                     |
|       |                     | 4*1*50ml                               |                 | 2846         | 50ml(▲),15ml(●)                                                                                       |
|       |                     | 4*8*15ml                               |                 | 3030         | 15ml(▲),10ml(▲),10ml blood collection tube, 5ml blood collection tube, 2ml blood collection tube(L75) |
|       |                     | 4*6*15ml                               |                 | 2705         |                                                                                                       |
|       |                     | 4*4*15ml                               |                 | 2705         |                                                                                                       |
|       |                     | 4*8*10ml                               |                 | 3030         | /                                                                                                     |
|       |                     | 4*6*10ml                               |                 | 2705         | /                                                                                                     |
|       |                     | 4*4*10ml                               |                 | 2705         | /                                                                                                     |
|       | Microplate Rotor    | 2*2*96well                             | 4000            | 2300         | /                                                                                                     |
| No.4  | Angle Rotor         | 12*10ml                                | 5500            | 3438         | 12*5ml                                                                                                |
| No.6  | Angle Rotor         | 18*10ml                                | 5000            | 3516         | 18*5ml                                                                                                |
| No.7  | Angle Rotor         | 24*10ml                                | 5000            | 3516         | 24*5ml                                                                                                |
| No.8  | Angle Rotor         | 8*15ml                                 | 5500            | 3970         | /                                                                                                     |
| No.9  | Angle Rotor         | 12*15ml                                | 5500            | 3438         | /                                                                                                     |
| No.10 | Angle Rotor         | 12*20ml                                | 5000            | 3360         | /                                                                                                     |
| No.11 | Angle Rotor         | 4*50ml                                 | 5500            | 3970         | /                                                                                                     |
| No.12 | Angle Rotor         | 6*50ml                                 | 5000            | 3281         | /                                                                                                     |
| No.13 | Angle Rotor         | 4*100ml                                | 4000            | 2100         | /                                                                                                     |

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube. The swing rotor should select support+hanging cup+adapter or support+tube rack.