

## Table Top High Speed Centrifuge



### Introduction:

Centrifuge is a special equipment for rapid separation, concentration and purification of mixed substances with different sedimentation coefficients through centrifugal force generated by high-speed rotation. It is widely used in medical and health care, blood stations, pharmaceutical factories, biomedical engineering, animal and plant research and other fields. This product is mainly used for the separation of human samples before sample analysis.

### Application:

The BKC-TH16MB table top high-speed centrifuge can perform high-purity separation and extraction of samples, and is mostly used for the separation, preparation and enrichment of blood, cells, proteins, enzymes, viruses, etc.

### Features:

- \* Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- \* Button-type programming design, LED display, can set parameters such as speed and time.
- \* It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
- \* Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
- \* Real-time detection of door lock and motor status, safe and reliable operation.
- \* The whole machine adopts all-steel structure, plastic-sprayed shell, safe and beautiful.
- \* Small size and space saving.
- \* Various angle rotors and adapters are available for 0.2ml-2ml centrifuge tubes.
- \* Optional automatic rotor recognition.

### Technical Parameters:

| Model                   | BKC-TH16MB              |
|-------------------------|-------------------------|
| Max. Capacity           | 12*2ml                  |
| Max. Speed              | 16000rpm                |
| Max. RCF                | 18032×g                 |
| Timing Range            | 1s~99min                |
| Speed Precision         | ±30rpm                  |
| Noise                   | ≤65dB                   |
| Consumption             | 150W                    |
| Power Supply            | AC220V or 110V, 50/60Hz |
| External Size(L*W*H) mm | 270*335*236             |
| Package Size(L*W*H) mm  | 386*456*381             |
| Net Weight(kg)          | 18                      |
| Gross Weight(kg)        | 21                      |



12\*1.5/2ml



2\*8\*0.2ml



4\*8\*0.2ml

### Rotor:

| NO.     | Rotor Type  | Volume        | Max Speed(r/min) | Max RCF(×g) | Adapters     |
|---------|-------------|---------------|------------------|-------------|--------------|
| 16M0001 | Angle Rotor | 12*1.5/2ml    | 16000            | 18032       | 0.2ml, 0.5ml |
| 16M0002 |             | 2*8*0.2ml pcr | 15000            | 15093       | /            |
| 16M0003 |             | 4*8*0.2ml pcr | 13000            | 14171       | /            |