

Table Top High Speed Refrigerated Centrifuge



Features:

- \* Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- \* Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- \* 5-inch LCD touch screen, supporting switching between Chinese and English and other languages can be customized.
- \* Real-time display of all parameters, the operation interface is intuitive and simple.
- \* Electromechanical integration door lock, safe and reliable.
- \* Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- \* Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range: -20℃~40℃, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- \* With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- \* Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- \* Equipped with a variety of angle rotors (aviation forged aluminum) and varieties of adapters, suitable for 0.1ml~10ml centrifugal tube(BKC-TH16RB) and 0.1ml~100ml centrifugal tube(BKC-TH16RC-I), according to actual needs, to achieve a multi-purpose machine.
- \* Optional automatic rotor recognition.

Technical Parameters:

| Model                | BKC-TH16RC-I                                           | BKC-TH16RB |
|----------------------|--------------------------------------------------------|------------|
| Max. Speed           | 16500rpm                                               |            |
| Speed Accuracy       | ±20 rpm                                                |            |
| Max. RCF             | 23072×g                                                |            |
| Max. Volume          | 4*100ml                                                | 12*10ml    |
| Refrigeration System | CFC-free compressor, R404a                             |            |
| Timing Range         | 1s~99h59min/Continuous/Short-span                      |            |
| Temp. Range          | -20℃~+40℃                                              |            |
| Temp. Accuracy       | ±1℃                                                    |            |
| Noise                | ≤65dB                                                  |            |
| Power Supply         | Standard: AC220V, 50/60Hz<br>Optional: AC110V, 50/60Hz |            |
| External Size(L*W*H) | 606*572*361mm                                          |            |
| Package Size(L*W*H)  | 700*670*670mm                                          |            |
| Net Weight           | 62kg                                                   |            |
| Gross Weight         | 70kg(220V), 75kg(110V)                                 |            |



Rotors for BKC-TH16RC-I:

| NO.     | Type        | Volume                | Max Speed(rpm) | Max RCF(×g) | Adapters                                                            |
|---------|-------------|-----------------------|----------------|-------------|---------------------------------------------------------------------|
| 16M0003 | Angle Rotor | 8*7ml                 | 14000          | 16435       | /                                                                   |
| 16M0004 |             | 12*10/15ml(Low speed) | 6000           | 3743        | 2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲) |
| 16M0005 |             | 12*10ml(High speed)   | 12000          | 14328       | 1.5ml, 5ml                                                          |
| 16M0006 |             | 12*1.5/2ml            | 16500          | 19176       | 0.2ml, 0.5ml                                                        |
| 16M0007 |             | 18*1.5/2ml            | 15000          | 18866       | 0.2ml, 0.5ml                                                        |
| 16M0008 |             | 24*1.5/2ml            | 14000          | 19722       | 0.2ml, 0.5ml                                                        |
| 16M0090 |             | 36*1.5/2ml            | 13000          | 19159       | 0.2ml, 0.5ml                                                        |
| 16M0091 |             | 48*1.5/2ml            | 13000          | 19159       | 0.2ml, 0.5ml                                                        |
| 16M0085 |             | 40*0.2ml              | 16500          | 23072       | /                                                                   |
| 16M0086 |             | 24*0.5ml              | 16500          | 21306       | /                                                                   |
| 16M0087 |             | 30*0.5ml              | 13000          | 15210       | /                                                                   |
| 16M0088 |             | 40*0.5ml              | 13000          | 15267       | /                                                                   |
| 16M0089 |             | 4*8*0.2ml pcr         | 13000          | 11941       | /                                                                   |
| 16M0009 |             | 10*5ml                | 14000          | 15339       | 1.5/2ml                                                             |
| 16M0010 |             | 8*15ml(▲)             | 12000          | 15294       | 5ml(▲)                                                              |
| 16M0011 |             | 8*15ml(●)             | 12000          | 15294       | /                                                                   |
| 16M0017 |             | 10*15ml               | 11000          | 12581       | /                                                                   |
| 16M0012 | Swing Rotor | 6*50ml(▲)             | 11000          | 13798       | 15ml(▲), 50ml(●)                                                    |
| 16M0013 |             | 6*50ml(●/Flat)        | 11000          | 13798       | /                                                                   |
| 16M0062 |             | 8*10/15ml             | 4000           | 2522        | 2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲) |
| 16M0063 |             | 12*10/15ml            | 4000           | 2683        | /                                                                   |
| 16M0064 |             | 4*50ml                | 4000           | 2522        | 50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml                             |
| 16M0065 |             | 6*50ml                | 4000           | 2504        | /                                                                   |
| 16M0066 |             | 4*100ml               | 4000           | 2379        | 2/3/4ml blood collection tube, 5/7ml blood collection tube          |
| 16M0020 |             | 24 Capillaries        | 12000          | 14170       | /                                                                   |

Rotors for BKC-TH16RB:

| NO.     | Rotors Type | Volume                | Max. Speed(rpm) | Max. RCF(×g) | Adapters                                                            |
|---------|-------------|-----------------------|-----------------|--------------|---------------------------------------------------------------------|
| 16M0003 | Angel Rotor | 8*7ml                 | 14000           | 16435        | /                                                                   |
| 16M0004 |             | 12*10/15ml(Low speed) | 6000            | 3743         | 2/3/4ml blood collection tube, 5/7ml blood collection tub, 15ml(▲)  |
| 16M0005 |             | 12*10ml(High speed)   | 12000           | 14328        | 1.5/2ml, 5ml                                                        |
| 16M0006 |             | 12*1.5/2ml            | 16500           | 19176        | 0.2ml, 0.5ml                                                        |
| 16M0007 |             | 18*1.5/2ml            | 15000           | 18866        | 0.2ml, 0.5ml                                                        |
| 16M0008 |             | 24*1.5/2ml            | 14000           | 19722        | 0.2ml, 0.5ml                                                        |
| 16M0009 |             | 10*5ml                | 14000           | 15339        | 1.5/2ml                                                             |
| 16M0085 |             | 40*0.2ml              | 16500           | 23072        | /                                                                   |
| 16M0086 |             | 24*0.5ml              | 16500           | 21306        | /                                                                   |
| 16M0087 |             | 30*0.5ml              | 13000           | 15210        | /                                                                   |
| 16M0088 |             | 40*0.5ml              | 13000           | 15267        | /                                                                   |
| 16M0089 |             | 4*8*0.2ml             | 13000           | 11941        | /                                                                   |
| 16M0020 |             | 24 Capillaries        | 12000           | 14170        | /                                                                   |
| 16M0062 | Swing Rotor | 8*10/15ml             | 4000            | 2522         | 2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲) |
| 16M0063 |             | 12*10/15ml            | 4000            | 2683         | /                                                                   |