



## FLOOR STANDING LOW SPEED REFRIGERATED CENTRIFUGE BKB-4101

# LOW SPEED REFRIGERATED CENTRIFUGE BKB-4101

## LOW SPEED REFRIGERATED CENTRIFUGE



9 acceleration and 10 deceleration options based on the user's requirement.  
Touch panel, LED display  
Environment-friendly refrigerant is adopted. The temperature setting range is -20 °C ~ 40 °C, and the maximum speed temperature can be controlled below -4 °C.  
The rotor adopts 7075-T6 aviation-grade alloy aluminum, hard oxidation, and corrosion resistance. From raw materials to finished products, each process of the centrifuge for blood bags is strictly controlled. The flaw detection report, tensile test report, chemical composition test report, and processing test report can be provided.  
Multiple protection against imbalance, over-speed, over-temperature as well as door lid.  
AC brushless motor is more reliable.

## SPECIFICATIONS

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Model                     | BKB-4101                                                                  |
| Max. Speed                | 6000rpm                                                                   |
| Max. RCF                  | 6680xg                                                                    |
| Max. Capacity             | 6x500ml                                                                   |
| Angle Rotor Max. Speed    | 6000rpm                                                                   |
| Angle Rotor Max. RCF      | 6680xg                                                                    |
| Angle Rotor Max. Capacity | 6x500ml                                                                   |
| Swing Rotor Max. Speed    | 4200rpm                                                                   |
| Swing Rotor Max. RCF      | 5100xg                                                                    |
| Swing Rotor Max. Capacity | 6x1000ml                                                                  |
| Speed Accuracy            | ±10r/min                                                                  |
| Time Setting Range        | 1min to 99h59min                                                          |
| Timing Mode               | Start timing after reaching the set speed                                 |
| Temperature Setting Range | -20°C to 40°C(Step 1°C adjustable)                                        |
| Temperature Accuracy      | ±2°C                                                                      |
| Compressor Unit           | High Performance Compressor Unit; Environment-friendly refrigerant(R404a) |
| Drive system              | High torque brushless motor                                               |
| Noise                     | ≤ 65dB(A)                                                                 |
| Power Consumption         | 3.0kW                                                                     |
| Power Supply              | AC220V±22V 50Hz                                                           |
| Dimension (WxDxH)         | 730x840x1200mm                                                            |
| Packing Dimension (WxDxH) | 920x1040x1520mm                                                           |
| Net Weight                | 260kg                                                                     |
| Alt Name                  | Low Speed Refrigerated Centrifuge                                         |

## ACCESSORIES FOR PURCHASE

| No | Name             | Max. Speed | Max. RCF | Max. Capacity |
|----|------------------|------------|----------|---------------|
| 1  | Angle Rotor      | 6000       | 6680     | 6x500ml       |
| 2  | Swing Rotor Yoke | 4200       | 5100     | 6x1000ml      |
| 3  | Round buckets    | 4200       | 5100     | 6x1000ml      |

|    |                   |      |      |                    |
|----|-------------------|------|------|--------------------|
| 4  | Adapter           | 4200 | 5100 | 6x500ml            |
| 5  |                   |      |      | 6x300ml            |
| 6  |                   |      |      | 6x250ml(conical)   |
| 7  |                   |      |      | 6x200ml(blood bag) |
| 8  |                   |      |      | 6x3x100ml          |
| 9  |                   |      |      | 6x5x50ml(conical)  |
| 10 |                   |      |      | 6x5x50ml           |
| 11 |                   |      |      | 6x14x15ml(conical) |
| 12 |                   |      |      | 6x14x15ml          |
| 13 |                   |      |      | 6x37x7ml           |
| 14 |                   |      |      | 6x24x5ml           |
| 15 |                   |      |      | 6x28x1.5ml         |
| 16 | Swing Rotor Yoke  | 4200 | 5100 | 6x1000ml           |
| 17 | Oval Buckets      | 4200 | 5100 | 6x1000ml           |
| 18 | Blood bag adapter | 4200 | 5100 | 6x1000ml           |

## FEATURES

9 acceleration and 10 deceleration options based on the user's requirement.

Touch panel, LED display

Environment-friendly refrigerant is adopted. The temperature setting range is - 20 °C ~ 40 °C, and the maximum speed temperature can be controlled below - 4 °C.

The rotor adopts 7075-T6 aviation-grade alloy aluminum, hard oxidation, and corrosion resistance. From raw materials to finished products, each process of the centrifuge for blood bags is strictly controlled. The flaw detection report, tensile test report, chemical composition test report, and processing test report can be provided.

Multiple protection against imbalance, over-speed, over-temperature as well as door lid.

AC brushless motor is more reliable.

The whole steel housing and three tiers containments for the safety of the operator and instrument.

Low noise (less than 65dB) and low vibration.



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