



## BENCHTOP HIGH SPEED CENTRIFUGE BKE-501

# HIGH SPEED CENTRIFUGE BKE-501

## HIGH SPEED TABLE CENTRIFUGE



### Intelligent control system

High and low speed universal centrifuge with auto electric lid lock;

With five groups of optional programs and can store 99 groups of program ;

One key short-time centrifuge button.

Up to 10 level acceleration/ deceleration with Linear drive.

Excellent kernel performance

HD large LCD touch screen and the parameters can be revised during operation without shutdown.

Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.

Two modes can be set: start timing/arrival revolution timing.

Careful and safe

## SPECIFICATIONS

|                             |                               |
|-----------------------------|-------------------------------|
| Model                       | BKE-501                       |
| Max. Speed                  | 21000rpm                      |
| Max. RCF                    | 38427xg                       |
| Max. Capacity               | 4x750ml                       |
| Timer                       | 1s~99h59min59s                |
| Revolutions/min             | ±10r/min                      |
| Rotor automatic recognition | Yes                           |
| Voltage                     | AC 220±22V 50Hz 10A or custom |
| Power                       | 1000W                         |
| Noise Level                 | ≤ 62dB(A)                     |
| Size                        | 495x625x420mm                 |
| Net Weight                  | 70kg                          |
| Alt Name                    | High Speed Table Centrifuge   |

## ACCESSORIES FOR PURCHASE

| No | Name            | Capacity                                       | Max Speed(r/min) | Max RCF(xg) |
|----|-----------------|------------------------------------------------|------------------|-------------|
| 1  | Angle rotor     | 12x5ml                                         | 21000rpm         | 29892xg     |
| 2  |                 | 24x1.5/2.0ml(D)                                | 20000rpm         | 38427xg     |
| 3  |                 | 12x10ml                                        | 15000rpm         | 20274xg     |
| 4  |                 | 48x1.5/2.0ml                                   | 15000rpm         | 24060xg     |
| 5  |                 | 6x50ml(Conical/round bottom)                   | 14000rpm         | 22014xg     |
| 6  |                 | 4x100ml                                        | 14000rpm         | 22195xg     |
| 7  |                 | 8x8x0.2ml PCR                                  | 14000rpm         | 15032xg     |
| 8  |                 | 12x15ml(Conical bottom)                        | 14000rpm         | 22241xg     |
| 9  |                 | 8x50ml(Conical/round bottom)                   | 12000rpm         | 15213xg     |
| 10 |                 | 6x100ml                                        | 12000rpm         | 17548xg     |
| 11 | Swing-out rotor | 4x250ml(Round bucket)                          | 4200rpm          | 3352xg      |
| 12 |                 | 4x250ml(Round bucket)/<br>(with biosafety lid) |                  |             |

|    |                 |                                                                                                                       |         |        |
|----|-----------------|-----------------------------------------------------------------------------------------------------------------------|---------|--------|
| 13 |                 | 4x250ml(Square bucket) Include Adapter:<br>4x4x50ml(conical bottom) 4x10x15ml(conical bottom)                         |         |        |
| 14 |                 | 4x250ml Square bucket(with biosafety lid)                                                                             |         |        |
| 15 |                 | Auto uncap 64x2-7ml(blood collection tube)                                                                            |         |        |
| 16 |                 | Auto uncap 104x2-7ml(blood collection tube)                                                                           | 4200rpm | 3510xg |
| 17 |                 | 4x500ml(Round bucket)                                                                                                 |         |        |
| 18 |                 | 4x500ml(Round bucket)/<br>(with biosafety lid)                                                                        |         |        |
| 19 |                 | 4x500ml(Square bucket)<br>(Match with adapter)                                                                        |         |        |
| 20 |                 | 4x750ml(Round bottom)                                                                                                 | 4200rpm | 3648xg |
| 21 |                 | 4x750ml(Square bucket) (Include 1 set adapter optional)                                                               | 4200rpm | 3648xg |
| 22 |                 | Multifunctional three-in-one rotor 4x750ml match with<br>below(Bucket/Basket) to use                                  |         |        |
| 23 | Bucket          | 4x750ml(Round bottom)/<br>(with biosafety lid) Include Adapter:<br>4x7x50ml(conical bottom) 4x14x15ml(conical bottom) | 4200rpm | 3776xg |
| 24 | Bucket          | Micro-plate 4x2x96 hole                                                                                               |         |        |
| 25 | Bucket          | Auto uncap 120x2-7ml(blood collection tube)                                                                           |         |        |
| 26 | Bucket          | 500ml blood bag Adapter                                                                                               |         |        |
| 27 | Swing-out rotor | Micro-plate 2x2x96 hole<br>(Enhanced Version)                                                                         | 4200rpm | 2267xg |

## FEATURES

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### Careful and safe

With rotor automatic identification system .  
Over speed,over heat,unbalance protections with auto lid lock.  
Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.

### Intimate detail design

An intimate tool rack is provided for accompanying tools to guard the instrument at all times.  
The front of the fuselage is designed with an operation SOP guide map, which makes it easier and more standard for laboratory personnel to use the instrument.  
It is equipped with a rotor cover that can be quickly locked for easy use.  
Special noise reduction system ;



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