



# ESBGL-25MS/M

Floor-standing High Speed Refrigerated Centrifuge



LABORATORY

## Technical performance

- The max speed is 25000rpm, and Max RCF is 64983g.
- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- Imported compressor unit with Non-CFC.refrigerant. It measures up to environmental standards.
- The machine is programmable. The operation data can be stored automatically.
- ESBGL-25MS has LCD and ESBGL-25M has LED display. Touching panel makes the operation easy.
- The real-time conversation of Speed and RCF is convenient for operation.
- It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.
- It has 10 files of acceleration and deceleration level for your choice.

## Specification

Max Speed: 25000r/min  
 Max RCF: 64983xg  
 Max Capacity: 1000mlx4  
 Speed accuracy:  $\pm 50$ r/min  
 Time setting: 1min~99h59min  
 Temperature setting:  $-20 \sim +40^{\circ}\text{C}$   
 Temperature accuracy:  $\pm 1^{\circ}\text{C}$   
 Compressor Unit: French Tecumseh Compressor Unit, R404a  
 Noise: <65dB(A)  
 Power Supply: AC220V 50Hz 30A  
 Dimension(LxWxH): 710mmx840mmx1200mm  
 Packing Size(LxWxH): 890mmx960mmx1450mm  
 Net Weight: 290kg

## Angle rotors

|  |  |  |   |  |   |
|--|--|--|---|--|---|
| No.1<br>  | Rotor Capacity: 5mlx10<br>Max Speed: 25000r/min<br>Max RCF: 64983xg<br>Adapters: 0.5ml, 1.5ml  | No.1<br>  | Rotor Capacity: 1.5mlx24<br>2.2mlx24<br>Max Speed: 25000r/min<br>Max RCF: 64983xg<br>Adapters: 0.2ml, 0.5ml   | No.2<br>  | Rotor Capacity: 10mlx16<br>Max Speed: 23000r/min<br>Max RCF: 60900xg<br>Adapters: 1.5ml, 5ml  |
| No.3<br>  | Rotor Capacity: 50mlx8<br>Max Speed: 18000r/min<br>Max RCF: 40930xg<br>Adapters: 10ml, 20ml  | No.4<br>  | Rotor Capacity: 250mlx6<br>Max Speed: 14000r/min<br>Max RCF: 30200xg<br>Adapters: 50ml, 100ml<br>It is customizable                                       | No.5<br>  | Rotor Capacity: 500mlx6<br>Max Speed: 10000r/min<br>Max RCF: 17800xg<br>Adapters: 50ml, 100ml, 250ml<br>It is customizable                              |
| No.6<br>  | Rotor Capacity: 1000mlx4<br>Max Speed: 7000r/min<br>Max RCF: 9980xg<br>Adapters: 100ml, 250ml<br>300ml, 500ml<br>It is customizable                      | No.9<br>  | Continuous Flow Rotor<br>Rotor Capacity: 1000ml<br>Max Speed: 14000r/min<br>Max RCF: 21500xg<br>Standard flow: 200-600ml/min<br>Material: Stainless Steel | No.10<br> | Continuous Flow Rotor<br>Rotor Capacity: 3000ml<br>Max Speed: 8000r/min<br>Max RCF: 9500xg<br>Standard flow: 200-800ml/min<br>Material: Stainless Steel |
| No.11<br> | Continuous Flow Rotor<br>Rotor Capacity: 1000ml<br>Max Speed: 16000r/min<br>Max RCF: 28100xg<br>Standard flow: 200-600ml/min<br>Material: Titanium alloy | No.12<br> | Continuous Flow Rotor<br>Rotor Capacity: 3000ml<br>Max Speed: 10000r/min<br>Max RCF: 14800xg<br>Standard flow: 200-800ml/min<br>Material: Titanium alloy  |  |   |