

# LG-16M

## Floor standing high speed large capacity refrigerated centrifuge

### Features:

- The machine adopts frequency conversion motor driving, micro-computer control .
- LCD, digital dual display.
- Rotor head identify automatically to prevent speeding.
- Rotor head lock automatically without nut and bolt wrench, it is convenient and safe for taking.
- It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice.
- Faults are diagnosed automatically.
- Imported compressors ,CFC-Free refrigerants, refrigerating/heating double loop and precise in temperature control.
- RCF can be directly set up and display, without RPM / RCF translated.
- Imported well known frequency controller with precise speed control and durable in use .
- Parameters of instruments can be modified during operation.
- Three-layer steel jacket could ensure the safety of the user and machine.

### Technical Parameters

|                |                      |
|----------------|----------------------|
| Max Speed      | 16 000 r/min         |
| Max RCF        | 27 520 Xg            |
| Max Capacity   | 6X500 ml (8 000 rpm) |
| Speed Accuracy | ±10 r/min            |
| Temp Accuracy  | ±1℃                  |
| Temp Range     | -20℃ to 40℃          |
| Timer Range    | 1~99H59min/inching   |
| Noise          | ≤65dB (A)            |
| Power          | AC 220V 50HZ 32A     |
| Dimension      | 850×730×930(L×W×H)mm |
| Weight         | 260 kg               |



### Rotor Technical Data

| Rotor                | Capacity  | Max Speed  | Max RCF   |
|----------------------|-----------|------------|-----------|
| NO.1 Angle Rotor     | 6X50 ml   | 16 000 rpm | 27 520 Xg |
| NO.2 Angle Rotor     | 24X1.5 ml | 16 000 rpm | 25 520 Xg |
| NO.3 Angle Rotor     | 16X10 ml  | 16 000 rpm | 27 500 Xg |
| NO.4 Angle Rotor     | 6X100 ml  | 14 000 rpm | 23 600 Xg |
| NO.5 Angle Rotor     | 8X50 ml   | 14 000 rpm | 23 270 Xg |
| NO.6 Angle Rotor     | 6x300 ml  | 10 000 rpm | 16 750 Xg |
| NO.7 Angle Rotor     | 6x500 ml  | 8 000 rpm  | 11 860 Xg |
| NO.8 Swing-out Rotor | 4x750 ml  | 4 000 rpm  | 3 500 Xg  |

Kinds of rotors can be customized according to customer's needs.