

# GL21M high speed large capacity Refrigerated Universal Centrifuge



## Application

Widely used in the area of animal and plant molecular biology, cell biology, clinical application, bio-engineering, mass preparation and blood, protein precipitation, separating the biology, viruses, sub-cell, cell and the chemicals in the cell.




## Features

1. Brush-less motor drive, maintenance is free
2. Floor type high speed universal centrifuge
3. Melt housing, 304# stainless steel centrifugal chamber, safe and reliable.
4. Microprocessor control and digital display run parameters like speed, RCF and time.






## *Technical Specifications*

|                                |   |                                |                                    |
|--------------------------------|---|--------------------------------|------------------------------------|
| Max. RPM/RCF                   | Angle Rotor                               | 21,000/28,030xg                |                                    |
|                                | Swing Out Rotor                           | 4,000/3450xg                   |                                    |
| Max. Capacity                  | Angle Rotor                               | 6x500ml                        |                                    |
|                                | Swing Out Rotor                           | 4x800ml                        |                                    |
| Timer                          | 99h~59min                                 | RPM/RCF conversion             | Yes                                |
| Noise level (dB)               | ≤55                                       | Acc/Dec (sec)                  | There are 10 rates for your choice |
| Digital display                | Yes                                       | Safety lid lock system         | Auto electric lid lock with Alarm  |
| Power supply                   | 220V 60Hz                                 | Temperature range              | -20℃~40℃                           |
| Product Dimension<br>(W×D×Hmm) | 800x740x930mm                             | Package Dimension<br>(W×D×Hmm) | 935x862x1200mm                     |
| Weight (kg)                    | N.W:235kg                                 | G.W:275kg (wooden box)         |                                    |
| Certificates                   | CE,ISO & Calibration report are available |                                |                                    |

## *Optional Rotors for GL21M (Special “continuous flow rotors”)*

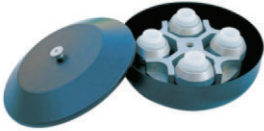


| Image   | Rotor No. | Volume(ml) | Max. Speed (RPM) | Max. RCF (×g) | Standard flow & Deposit |
|---|-----------|------------|------------------|---------------|-------------------------|
|  | 30128     | 1000ml     | 17,000           | 31,390        | 1.2L/h;<br>500ml        |
|  | 30129     | 1800ml     | 14,000           | 21,710        | 1.2L/h;<br>500ml        |
|  | 30130     | 3000ml     | 8,000            | 9,450         | 1.2L/h;<br>1600ml       |

### Other Optional Rotors for GL21M

| Image   | Rotor No. | Volume(ml)                           | Max. Speed (RPM) | Max. RCF (×g) |
|---|-----------|--------------------------------------|------------------|---------------|
|  | 30108     | 12×10ml                              | 21,000           | 44,440        |
|  | 30111     | 6×50ml                               | 20,000           | 44,710        |
|  | 30112     | 6×70ml                               | 15,000           | 25,480        |
|  | 30122     | 6×300ml<br>(PS:6×500ml<br>available) | 10,000           | 15,750        |
|  | 30671     | 4×800ml                              | 4,000            | 3,450         |

| Rotor No. | Volume(ml) | Max. Speed (RPM) | Max. RCF (×g) |
|-----------|------------|------------------|---------------|
| 30117     | 16×10ml    | 20,000           | 46,140        |
| 30118     | 8×30/20ml  | 20,000           | 42,040        |
| 30120     | 8×100ml    | 12,000           | 19,610        |
| 30121     | 4×300ml    | 11,000           | 18,120        |
| 30123     | 6×500ml    | 8,000            | 11,740        |

## *other Optional Rotors for GL21M*

| Image  | Rotor No.    | Volume(ml)      | Max. Speed (RPM) | Max. RCF (×g) |
|--|--------------|-----------------|------------------|---------------|
|    | <b>33097</b> | <b>4x1000ml</b> | <b>4000</b>      | <b>4060</b>   |
|  | <b>30122</b> | <b>6x300ml</b>  | <b>12,000</b>    | <b>22,650</b> |
|  | <b>30123</b> | <b>6x500ml</b>  | <b>8000</b>      | <b>11,740</b> |