

# High Speed Table Centrifuge



**INTELLIGENT**

## Intelligent control system

- With five groups of optional programs and can store 99 program groups.  
Electric lid lock.
- Long press the start/short-time
- key to realize instantaneous centrifugation.  
Up to 10 level acceleration/
- deceleration with Linear drive.



**EXCELLENT**

## Excellent kernel performance

- HD large LCD display 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

- 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.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

\* All products can be customized, designed and produced according to customer requirements.

# GT318C High Speed Table Centrifuge

## Technical Parameter



|                             |                       |
|-----------------------------|-----------------------|
| Model                       | GT318C                |
| Max Speed                   | 18000rpm              |
| Max RCF                     | 31115 × g             |
| Max Capacity                | 4 × 100ml             |
| Timer                       | 1s ~ 99h59min         |
| Revolutions/min             | ± 10r/min             |
| Voltage                     | AC 220 ± 22V 50Hz 10A |
| Power                       | 750W                  |
| Noise Level                 | ≤ 62dB ( A )          |
| Size                        | 480 × 360 × 330 (mm)  |
| Net Weight                  | 38kg                  |
| Rotor automatic recognition | Yes                   |

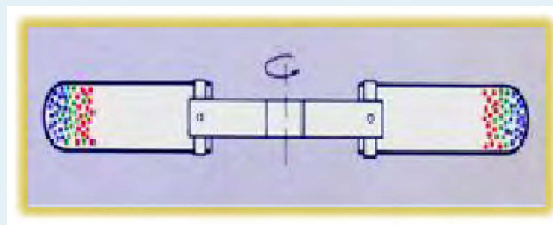
## Rotor Parameters

| Rotor NO.   | Rotor Pictures | Rotor Capacity (ml)      | Max Speed (r/min) | Max RCF (× g) |
|-------------|----------------|--------------------------|-------------------|---------------|
| Angle Rotor |                |                          |                   |               |
| 1           |                | 24 × 1.5/2.0ml           | 18000rpm          | 31115 × g     |
| 2           |                | 12 × 5ml                 | 15000rpm          | 18036 × g     |
| 3           |                | 32 × 1.5/2.0ml           | 14000rpm          | 19940 × g     |
| 4           |                | 8 × 8 × 0.2ml<br>PCR Row | 14000rpm          | 15032 × g     |
| 5           |                | 48 × 1.5/2.0ml           | 13000rpm          | 18327 × g     |
| 6           |                | 12 × 10ml                | 13000rpm          | 15228 × g     |






## Swing-out Rotor



» When the swing-out rotor is running, the basket is horizontal, at right angles to the rotating shaft, and the sample is deposited at the bottom of the centrifuge tube.



## Rotor Parameters

| Rotor NO.       | Rotor Pictures  | Rotor Capacity ( ml )            | Max Speed ( r/min ) | Max RCF ( × g ) |
|-----------------|---|----------------------------------|---------------------|-----------------|
| 7               |   | 6 × 50ml<br>Round bottom         | 13000rpm            | 17146 × g       |
| 8               |  | 6 × 50ml<br>Conical/round bottom | 12000rpm            | 16227 × g       |
| 9               |  | 12 × 15ml<br>Conical bottom      | 11000rpm            | 13730 × g       |
| 10              |  | 4 × 100ml                        | 11000rpm            | 14298 × g       |
| Swing-out Rotor |   |                                  |                     |                 |
| 11              |  | 24 × 1.5/2.0ml                   | 13000rpm            | 16816 × g       |
| 12              |  | 4 × 100ml                        | 4500rpm             | 3010 × g        |
| 13              |  | 2 × 2 × 96<br>Micro-plate hole   | 4000rpm             | 2057 × g        |
| 14              |  | 8 × 50ml<br>Conical bottom       | 4000rpm             | 2680 × g        |

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