

High Speed Table Centrifuge



INTELLIGENT

Intelligent control system

- Equipped with five groups of programs.
- Program group shortcut key, large storage space, can store 99 program groups, convenient to call at any time.
- Automatic electronic door lock.
- One key short-time centrifuge button.



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.
- 10 gear acceleration /deceleration with linear drive.
- Two modes can be set: start timing/ arrival revolution timing.


SAFE

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.


DETAIL

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.

GT320C High Speed Table Centrifuge

Technical Parameter



| | |
|-----------------------------|-----------------------|
| Model | GT320C |
| Max Speed | 20000rpm |
| Max RCF | 30677 × g |
| Max Capacity | 4 × 250ml |
| Timer | 1s ~ 99h59min |
| Revolutions/min | ± 10r/min |
| Voltage | AC 220 ± 22V 50Hz 10A |
| Power | 750W |
| Noise Level | ≤ 62dB (A) |
| Size | 542 × 430 × 372 (mm) |
| Net Weight | 50kg |
| Rotor automatic recognition | Yes |

Rotor Parameters

| Rotor NO. | Rotor Pictures | Rotor Capacity (ml) | Max Speed (r/min) | Max RCF (× g) |
|-------------|----------------|---------------------|-------------------|---------------|
| Angle Rotor | | | | |
| 1 | | 16 × 1.5/2.0ml | 20000rpm | 30677 × g |
| 2 | | 24 × 1.5/2.0ml | 17500rpm | 29410 × g |
| 3 | | 12 × 5ml | 16000rpm | 17344 × g |
| 4 | | 12 × 10ml | 14000rpm | 17660 × g |
| 5 | | 32 × 1.5/2.0ml | 14000rpm | 19940 × g |
| 6 | | 48 × 1.5/2.0ml | 14000rpm | 21255 × g |

| Rotor NO. | Rotor Pictures | Rotor Capacity (ml) | Max Speed (r/min) | Max RCF (× g) |
|-----------------|---|----------------------------------|--------------------|----------------|
| 7 |  | 6 × 50ml Round bottom | 13000rpm | 17146 × g |
| 8 |  | 6 × 50ml Conical/round bottom | 12000rpm | 16227 × g |
| 9 |  | 12 × 15ml Conical bottom | 12000rpm | 16340 × g |
| 10 |  | 4 × 100ml | 11000rpm | 14298 × g |
| 11 |  | 6 × 100ml | 11000rpm | 14757 × g |
| 12 |  | 8 × 50ml Conical/round bottom | 10000rpm | 12610 × g |
| 13 |  | 60 × 1.5ml | 14000rpm | 16400 × g |
| 14 |  | 40 × 15ml (W) | 5000rpm | 4949 × g |
| Swing-out Rotor | | | | |
| 15 |  | 4 × 100ml | 4500rpm | 3010 × g |
| 16 |  | 4 × 250ml Round bottom | 4500rpm | 3848 × g |
| |  | 4 × 250ml Oval bucket | 4500rpm | 3848 × g |
| |  | 4 × 250ml Square bucket | 4500rpm | 3848 × g |
| 17 |  | 2 × 2 × 96 Micro-plate hole | 4500rpm | 2603 × g |

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