

## ✓ Scope of Application

It is used to extract microorganisms, cell debris, cells, organelles, sulfuric acid precipitates, immunoprecipitates, etc.  
Applicable to: teaching, scientific research, biochemical products, medical inspection, food safety, agricultural product inspection, animal husbandry and aquatic product inspection, microbiology, molecular chemistry, environmental protection, quality inspection and other industries.



## 🔧 Technical Parameters

| Product model | Maximum speed | Maximum relative centrifugal force | Maximum capacity | Temperature range | Noise    | Speed accuracy | Supply voltage | Power | Weight | Dimension (W*D*H) |
|---------------|---------------|------------------------------------|------------------|-------------------|----------|----------------|----------------|-------|--------|-------------------|
| CT-G185R      | 18500rpm      | 32531xg                            | 6*50ml           | -20~40℃           | 57dB (A) | ± 1rpm         | 220V/50Hz      | 1100W | 57kg   | 380*645*310mm     |

## 🔧 Rotor Parameters



### Angle Rotor

| Specification         | 24*1.5ml | 48*1.5ml | 12*5ml | 12*10ml | 12*15ml | 6*50ml/10ml |
|-----------------------|----------|----------|--------|---------|---------|-------------|
| RPM                   | 18500    | 13000    | 15000  | 12500   | 11000   | 9000        |
| Centrifugal Force(xg) | 32531    | 18331    | 15998  | 16333   | 15692   | 11142       |



### PCR Tube

| Specification         | 6*8*0.2ml |
|-----------------------|-----------|
| RPM                   | 12000     |
| Centrifugal Force(xg) | 17390     |



## High-speed Refrigerated Centrifuge | CT-G185R

Efficient Centrifugation | Rapid Cooling | Safe And Accurate



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### | Rapid Cooling |

Secop compressor, high-efficiency refrigeration system, rapidly cooling in 4 minutes  
 Precise PID temperature control, temperature accuracy  $\pm 1^{\circ}\text{C}$   
 One-button pre-cooling, temperature adjustable from  $-20^{\circ}\text{C}$  to  $40^{\circ}\text{C}$



### | Swift Centrifugation |

The maximum centrifugal force:  $32531 \times g$ , the maximum speed:  $18500 \text{ r/min}$  and the speed accuracy:  $\pm 1 \text{ rpm}$



### | Auto Rotor Identification |

Adaptation to various rotors like common and biosafety angle rotor, realizing multi-usage  
 The maximum capacity of the rotor:  $6 \times 50 \text{ ml}$ , separating more samples with high efficiency  
 Auto Rotor identification, matching speed, enhancing operation safety



### | Safety Lock |

Intelligent double door lock with self-priming technology, ensuring operation safety and sample safety



### | Secure And Stable |

7 alarm functions + protection linkage device, enhancing safety for man and machine  
 Multi-stage damping design, reducing the amplitude to  $0.003 \text{ mm}$   
 Resuspension-proof design, safeguarding sensitive samples  
 Die-casting aluminum alloy base, making the machine running safely and stably



### | Automatic Protection |

Automatically stopping to alarm, ensuring experiment safety once the rotor unbalanced

## || LCD display ||



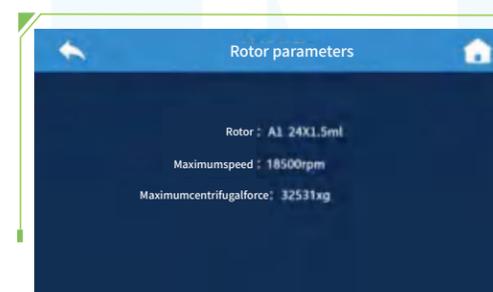
7 Inch LCD Display



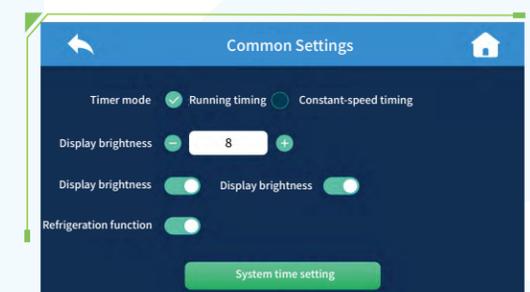
Data Query And Monitoring



Program Setting



Rotor Identification



Cooling function can be turned off individually