

High-Speed Digital Display Refrigerated

CE16/18 4X100RD



Features

1. Adopt advanced CPU control system realizing microprocessor control, it can control rotate speed, time, temperature and relative centrifuge force.
2. Maintenance-free frequency conversion motor with an accurate temperature control system. Has the rotor identification function, prevent over-speed operation.
Speed Range: 0~18000rpm, Speed Accuracy: ± 20 rpm.
3. CFC-free compressor, two cycle refrigeration, no pollution, high accuracy of temperature. Temperature control range is in $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$. Rotors can be still precooling under a ban state.
4. The speed and the centrifugal force step adjustment is 10 RPM/10xg. Time control: 0-99 minutes, accuracy is ± 1 SEC/continuous centrifugal/instantaneous centrifugal;
5. Stainless steel recessed, solid structure, and is suitable for sustainable use, air spring, easy open cover, automation lock cover ensure safety.
6. Large Digital Display, 10 operation programs designed, programmable operation. Standard English Language Display.
7. Equipped with door cover protection, with the self-diagnostic system and protection for imbalance, over-speed and over-temperature. People can monitor the centrifuge process to ensure the safe operation.
8. Rotors adopted super-hard aluminum alloy by the special craft manufacture, have the sealing performance and infinite time high temperature resistant alexipharmic function.

Panel features

1. large screen Digital liquid crystal display, both shows parameters set data and the actual data; Standard English Language Display.
2. End, error and running an imbalance, the voice signal, and stop working, liquid crystal display text
3. It storages 10 operation program, and lets you control the speed rates from 0~9 grade.
4. Friendly display, easily to operation, small size, low noise.

Specification

| | | |
|----------------|----------------------|---------------------|
| Model | CE18-4X100RD | CE16-4X100RD |
| Max Speed | 18000r/min | 16000r/min |
| Max RCF | 23200×g | 17800×g |
| Max Capacity | 4×100ml | |
| Speed Accuracy | ±50r/min | |
| Temp Accuracy | ±1°C | |
| Temp Range | -20°C~+40°C | |
| Timer Range | 0-5H | |
| Noise | ≤65dB(A) | |
| Display | Digital Display | |
| Motor | DC motor | |
| Power Supply | AC200v 50Hz 15A | |
| Dimension | 570×610×370mm(L×W×H) | |
| Weight | 68kg | |

Rotors

| Max Speed | Max RCF | Capacity |
|------------|---------|------------|
| 18000r/min | 23200×g | 12×1.5/2ml |
| 13000r/min | 11400×g | 8×5ml |
| 12000r/min | 14800×g | 12×10/15ml |
| 11000r/min | 12000×g | 6×50ml |
| 4000r/min | 1400×g | 2x2x48ml |
| 13500r/min | 17000×g | 24×1.5/2ml |
| 12000r/min | 13900×g | 4×50ml |
| 10000r/min | 9680×g | 4×100ml |
| 13500r/min | 17800×g | 36×1.5/2ml |
| 13000r/min | 12810×g | 48×0.5ml |