

# CENTRIFUGES



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Floor Standing Large Capacity Refrigerated Centrifuge provides the benefits of high clarifying efficiency and maximum volumes up to 6x2400 ml with maximum speed 7200 rpm. Our floor standing centrifuge is suitable for radio-immunological applications, biochemistry, pharmacy, environmental protection, and other research applications. Designed for ambient temperature and refrigerated large capacity conditions.

## Floor Standing Large Capacity Refrigerated Centrifuge IFLRC-5000 Series

Floor Standing Large Capacity Refrigerated Centrifuge IFLRC-5000 Series designed for the pharmaceutical and biological products. The angle rotor and swing rotor are available for separation of cells suspension. This versatile and reliable centrifuge is used for high-throughput clinical, medical and research applications. There are 9 profiles available for acceleration and 9 for deceleration; users can select these profiles by the main display and work with temperature up to -20 to 40°C. Featuring with LCD display with dual synchronous display screen and design with double lock door, electric door with magnetic locks, to provide more protection and safety and adaptors as optional accessories. Driven by a microprocessor, AC frequency conversion motor drive, and quiet operation clean.



- For up to 7200 rpm of total capacity 6x2400 ml
- Available with 9 profile for acceleration and 9 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Microcomputer controlled
- Protective electronic with lock door, electric door with imbalance protection to provide more protection and safety along with automatic balancing without the need for trimming
- Designed digital LCD screen with multi-functional knob combination
- Eco friendly with the high-efficiency refrigerating system, able to maintain temperature under 0°C during maximum RPM
- Centrifugal chamber is constructed with stainless steel
- Designed with air exhaust temperature and low noise compressor
- CFC-free refrigerants, refrigerating/heating double loop

### Accessories



|                        |                       |
|------------------------|-----------------------|
| Model                  | IFLRC-5000            |
| Capacity               | 6x2400 ml             |
| Max RCF                | 12166xg               |
| Speed Range            | 7200 rpm              |
| Noise                  | <62dB(A)              |
| Temperature Range      | -20 to 40°C           |
| Revolutions/min        | ±30 rpm               |
| Temperature Accuracy   | ±2°C                  |
| Timer                  | 1 to 99min,59sec      |
| Power Consumption      | 7500 W                |
| Dimension              | 870x1020x970 mm       |
| Weight                 | 545 kg                |
| Electrical Requirement | AC220V/50Hz,60Hz, 50A |
| Catalogue No.          | 1402600502            |

## Floor Standing Large Capacity Refrigerated Centrifuge IFLRC-4000 Series

Floor Standing Large Capacity Refrigerated Centrifuge IFLRC-4000 Series build for large-volume daily-working methods such as high-throughput sample research work. Users can change the parameters during operating mode. Angle rotor and swing rotor are available for separation of cells suspension. Multi used and bulk size centrifuge is best for high-throughput clinical, medical and research applications. There are 9 profiles available for acceleration and 9 for deceleration; the user can select these profiles by the main display and worked with temperature up to -20 to +30°C. Featuring with LCD display with dual synchronous display screen and design with double lock door, electric door with magnetic locks, to provide more protection and safety and adaptors as optional accessories. Driven by a microprocessor, AC frequency conversion motor drive, and quiet operation clean.



- For up to 8000 rpm of total capacity 6 X 2400 ml
- Available with 9 profile for acceleration and 9 for deceleration, high efficiency
- New high torque frequency conversion driving motor
- Allow automatic identification system for the magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety
- Electronic door lock, full steel door cover protection, superior to industrial standards and Password lock function
- Microcomputer controlled
- Protective electronic with lock door, electric door with imbalance protection to provide more protection and safety along with automatic balancing without the need for trimming
- Designed digital LCD screen with multi-functional knob combination
- Eco friendly with the high-efficiency refrigerating system, able to maintain temperature under 0°C during maximum RPM
- Centrifugal chamber is constructed with stainless steel
- Designed with air exhaust temperature and low noise compressor
- CFC-free refrigerants, refrigerating/heating double loop
- Store up to 20 program groups

### Rotors

| Rotor       | Capacity    | Max speed | RCF     |
|-------------|-------------|-----------|---------|
| Swing rotor | 6 X 2400 ml | 4000rpm   | 5602xg  |
| Angel rotor | 6 X 500 ml  | 8000rpm   | 11068xg |

| Model                  | IFLRC-4000         |
|------------------------|--------------------|
| Capacity               | 6 X 2400 ml        |
| Max RCF                | 11068xg            |
| Speed Range            | 8000 rpm           |
| Noise                  | ≤60dB              |
| Temperature Range      | -20 to +30°C       |
| Revolutions/min        | ±10 rpm            |
| Temperature Accuracy   | ±2°C               |
| Timer                  | 1 to 99h, 99m, 59s |
| Power Consumption      | 2.0 KVA            |
| Dimension              | 1080x840x960 mm    |
| Weight                 | 450 kg             |
| Electrical Requirement | AC 220V 50Hz       |
| Catalogue No.          | 1402550502         |



