

**【D3024R  
High Speed Refrigerated Micro Centrifuge】**

High speed micro-centrifuge range is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high-end research applications:

- Sedimentation of cells and viruses
- Separation of sub-cellular organelles
- Isolation of macromolecules such as DNA, RNA, proteins or lipids



D3024R with AS24-2 aluminum alloy rotor kit

**Advantages**

**☆ Conforms to international safety standards and regulations**

- DRAGONLAB is the first Centrifuge manufacturer in China that cooperates with TUV Rheinland Company and its Centrifuges have passed CB scheme by TUV Rheinland China and marked with CE, cTUVus and FCC.

All test items are positive which according to IEC/EN 61010-1 and MCA test according to IEC/EN61010-2-20, including explosion-proof and bio-safe tests.

- Quiet and stable operation for the lab
- High strength metal casing ensures security of centrifugal process
- Dual door interlock design for safety (D3024 & D3024R)
- Gentle braking at low speed with efficient separation

**☆ Powerful and efficient cooling system**

- Pre-cooling provides cool down prior to operation and keeps the chamber at the pre-set temperature
- Powerful cooling system quickly cools down chamber to 2°C after only 7 minutes and

maintains the samples temperature under 2°C at maximum speed.

- Unique cooling system design minimizes rotor heating to less than 10°C after running for 1 hour
- Sound alert and the lid remains closed after operation to maintain the chamber temperature
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life

### ★ Rotor capacity

- Bio-safe rotor/anti-sample overflow ensures the samples do not leak during the centrifugal process helps prevent microbial contamination
- High strength aluminum alloy rotor can be fully autoclaved, with unlimited service life
- Four rotors are optional, comes with 24 x 1.5/2.0ml tubes. Smaller 0.2ml and 0.5ml tubes can be used with adapters

### ★ Precise control

- Brushless DC motor accelerates quickly and effortlessly to the set speed
- High accuracy of speed in  $\pm 20$  rpm
- Operation can be timed from 30 seconds to 99 minutes or used in continuous mode
- Timer starts once the target speed reached, for accurate separation time

### ★ Ergonomic design

- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached.
- The short spin function is used for quick spins by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed.
- Easy-to-read display and sound alerts

