

Coming soon

DG1616

High Speed Centrifuge

DG1616R

High Speed Refrigerated Centrifuge

NEW

Features

- Newly upgraded touch UI interface with user-friendly operation
- Maximum speed: 16,000 rpm; Maximum capacity: 4 × 400 mL
- Maximum relative centrifugal force: 28,621 × g
- Speed accuracy: ±20 rpm;
- Time setting: Timed/Continuous operation
- Temperature range: -10°C to 40°C (only for DG1616R)
- Motor-lock adsorption design, allowing the centrifuge chamber door to be closed with one hand
- Program storage: Customizable programs based on experimental needs
- Rapid cooling: Chamber temperature drops from room temperature to 4°C in less than a few minutes
- 9-speed acceleration and deceleration options, with smooth braking for better separation results
- High-strength aluminum alloy rotor, capable of withstanding 121°C high-temperature and high-pressure sterilization;
- Dynamic balance detection with imbalance alerts for rotors



SR400

Cat.No.19400155

Applicable Instruments:

DG1616/DG1616R

Rotor capacity: 4 × 400mL

Maximum speed: 5000rpm

Maximum centrifugal force:

4639 × g

Rotor material: aluminum alloy hanging cup+stainless steel hanging bracket

Rotor type: Airtight rotor



SR200

Cat.No.19400154

Applicable Instruments:

DG1616/DG1616R

Rotor capacity: 4 × 200mL

Maximum speed: 5500rpm

Maximum centrifugal force:

5495 × g

Rotor material: aluminum alloy hanging cup+stainless steel hanging bracket

Rotor type: Airtight rotor



Application

- **Life Sciences and Biological Research:** Biochemical studies, immunology, and clinical medicine-related applications.
- **Pharmaceutical Industry:** Suitable for drug development, including CRO services.
- **Environmental Protection:** Environmental analysis, such as water quality testing and pollutant analysis.
- **Chemical Industry:** Separation and extraction of organic and inorganic chemical samples.
- **Food Industry:** Separation of fats, proteins, and other biochemical substances.
- **Soil Analysis:** Extraction and analysis of soil organic matter and nutrients.
- **Petroleum and Mining Industry:** Pretreatment of petroleum and mineral samples, including sediment separation.
- **Textile Industry:** Analysis and processing of textile fibers and blended materials.
- **Microbiology:** Microbial culture and preservation research.



Specifications	DG1616	DG1616R
Maximum speed	16000rpm	16000rpm
Maximum relative centrifugal force	28621xg	28621xg
Maximum capacity	4×400mL	4×400mL
time setting	Timing/HOLD	Timing/HOLD
Temperature Setting	-	-10°C-40°C
Speed up and down gears	9 ↑ / 9 ↓	9 ↑ / 9 ↓
Program storage	100	100
Motor Type	Brushless DC Motor	Brushless DC Motor
Noise Level	≤70dB	≤70dB
Power Supply	100-230V, 50/60HZ 650W	100-230V, 50/60HZ 1050W
Size (L × W × D)	658×440×375mm	658×623×375mm
Weight	70Kg	90Kg
Allow ambient temperature and humidity	5~40°C,80%RH	5~40°C,80%RH