

DG1616 High Speed Centrifuge DG1616R High Speed Refrigerated Centrifuge

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 \times 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 Poter material: aluminum

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



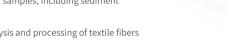






Application

- 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.







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 \times W \times 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