



JW-1080R JW-1080R Low-speed Large-capacity Refrigerated Centrifuge

Low-speed Refrigerated Centrifuge • MOQ: 1 Unit

The JW-1080R is a floor-standing large-capacity low-speed refrigerated centrifuge for blood stations and bio-pharmaceutical processing. It processes up to twelve 400ml triple/quadruple blood bags in a single run, supports 2400ml centrifuge bottles (14400ml total) and a 6x2x1000ml swing-bucket rotor. Maintenance-free brushless variable frequency motor, imbalance-free operation for blood bags within 3x50g, full-steel triple protection housing, multiple safety protections and environment-friendly refrigerant.

Overview

The JW-1080R is a floor-standing large-capacity low-speed refrigerated centrifuge for blood stations and bio-pharmaceutical processing. It processes up to twelve 400ml triple/quadruple blood bags in a single run, supports 2400ml centrifuge bottles (14400ml total) and a 6x2x1000ml swing-bucket rotor. Maintenance-free brushless variable frequency motor, imbalance-free operation for blood bags within 3x50g, full-steel triple protection housing, multiple safety protections and environment-friendly refrigerant.

Key Specifications

Brand	Jiaven
Typical Configuration	Swing-bucket Rotor Centrifuge
Instrument Function	Refrigerated Centrifuge
Instrument Type	Floor-standing Centrifuge
Centrifugation Grade	Cell/Bacteria
Max. Speed	8000rpm
Max. RCF	12166xg
Max. Capacity	2400mlx6
Speed Accuracy	±10rpm
Noise	≤65dB
Temperature Range	-20°C-40°C
Characteristic Parameter	Low-speed, Large Capacity, Blood Bank
Application Field	Blood Stations, Bio-pharmaceutical, Medical & Healthcare



JW-1080R Main Technical Parameters

Model	JW-1080R
Max. Speed	8000rpm
Max. RCF	12166xg
Max. Capacity	2400mlx6
Speed Accuracy	±10rpm
Timing Range	1min ~ 23H59min
Noise	≤65dB
Temperature Control Range	-20°C-40°C
Temperature accuracy	±1°C
Power Supply	AC220V 50Hz 50A
Power	7500W
Net weight/Instrument size	590kg/860mmx970mmx1180mm
gross weight/Package dimensions	638kg/980mmx1100mmx1500mm

Rotor Configuration

No.	Rotor	Capacity	Max. Speed	Max. RCF	Adapters
NO1	Fixed-angle Rotor 500ml×6	500ml×6	8000 rpm	11680×g	
NO2	Fixed-angle Rotor 1000ml×6	1000ml×6	7200 rpm	12166×g	
NO3	Swing-out Rotor Body 1000ml×6×2	1000ml×6×2	4200 rpm	5000×g	
NO4	Swing-out Rotor Body (Square Buckets) 2400ml×6	2400ml×6	4200 rpm	5600×g	

About Jiavenlab Centrifuges

Anhui Jiavenlab Instrument Equipment Co., Ltd. — Building S2-8, Renmin Wanfu Industrial Park, Feixi Economic Development Zone, Hefei City, Anhui Province. We manufacture low-speed, high-speed, refrigerated and touchscreen laboratory centrifuges with a complete rotor and adapter ecosystem. OEM/ODM projects, export packing and worldwide shipping supported. Contact us for the latest price and lead time.