



JW-2018HR JW-2018HR Touchscreen High-speed Refrigerated Centrifuge

High-speed Refrigerated Centrifuge • MOQ: 1 Unit

The JW-2018HR touchscreen high-speed refrigerated centrifuge features Large true-color lcd display with full touchscreen interface; microcomputer-controlled,...



Overview

The JW-2018HR touchscreen high-speed refrigerated centrifuge features Large true-color lcd display with full touchscreen interface; microcomputer-controlled, brushless ac variable frequency motor drive, high speed accuracy and low noise; programmable operation with multiple acceleration/deceleration options; centrifugal force and speed can be set independently and displayed simultaneously; features dct [differential centrifugation technology] 'differential centrifugation' application technology. widely applicable in: teaching, scientific research, biochemical products, medical testing, food safety, agricultural product testing, livestock & aquaculture testing, microbiology, molecular chemistry, environmental protection, and quality inspection industries.

Key Specifications

Brand	Jiaven
Typical Configuration	Fixed-angle Rotor Centrifuge
Instrument Function	Refrigerated Centrifuge
Instrument Type	Benchtop Centrifuge
Centrifugation Grade	Cell/Bacteria
Dimensions	613x382x325mm
Max. Speed	18800rpm
Max. Capacity	10mlx12
Characteristic Parameter	High-speed
Application Field	Medical & Healthcare, Environmental Protection, Food/Agricultural Products, Chemical Industry, Bio-industry
Autoclavable Rotor	121 °C, >2 h (aerosol-tight angle rotor)
Soft Braking	prevents sample resuspension
Fast Pre-cooling	21 °C → 4 °C in ≤5 min, compressor auto-standby
Remote Control (Optional)	RS-485 interface available
Max. RCF	26870xg



JW-2018HR Main Technical Parameters

Model	JW-2018HR
Max. Speed	18800rpm
Max. RCF	26870xg
Max. Capacity	10mlx12
Speed Accuracy	±10rpm
Timing Range	1s ~ 99H59min59s/ short spin
Noise	≤58dB
Temperature Range	-20°C-40°C
Temperature Control Accuracy	±1°C
Display	LCD
Power Supply	AC220V 50Hz 10A
Power	1000W
Net weight/Instrument size	57kg/615mmx380mmx330mm
gross weight/Package dimensions	71kg/740mmx550mmx490mm

Rotor Configuration

No.	Rotor	Capacity	Max. Speed	Max. RCF	Adapters
H0.136	Capillary Rotor blood capillary tubes 75mm ×36	blood capillary tubes 75mm ×36	12000 rpm	16904×g	
H0.232	Fixed-angle Rotor 0.2ml×4×8 PCR strip tubes	0.2ml×4×8 PCR strip tubes	13500 rpm	14059×g	
H0.264	Fixed-angle Rotor 0.2ml×8×8 PCR strip tubes	0.2ml×8×8 PCR strip tubes	13000 rpm	14926×g	
H0.512	Fixed-angle Rotor 0.5ml×12	0.5ml×12	18800 rpm	18967×g	
H0.524	Fixed-angle Rotor 0.5ml×24	0.5ml×24	18800 rpm	26870×g	
H0.548	Fixed-angle Rotor 0.5ml×48	0.5ml×48	13000 rpm	14737×g	
H0212	Fixed-angle Rotor 1.5ml/2.2ml×12	1.5ml/2.2ml×12	18800 rpm	26870×g	
H0224	Fixed-angle Rotor 1.5ml/2.2ml×24	1.5ml/2.2ml×24	15800 rpm	24365×g	
H0312	Fixed-angle Rotor 3ml(vacuum blood collection tube)×12	3ml(vacuum blood collection tube)×12	8000 rpm	4866×g	
H0512	Fixed-angle Rotor 5ml×12	5ml×12	16000 rpm	19462×g	
H0612	Fixed-angle Rotor 5ml(cryovial)×12	5ml(cryovial)×12	13000 rpm	16155×g	
H0712	Fixed-angle Rotor 5ml(vacuum blood collection tube)×12	5ml(vacuum blood collection tube)×12	8000 rpm	7119×g	



No.	Rotor	Capacity	Max. Speed	Max. RCF	Adapters
H1012	Fixed-angle Rotor 10ml×12	10ml×12	13500 rpm	17645×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.