



JW-3021HR JW-3021HR Touchscreen High-speed Refrigerated Centrifuge

High-speed Refrigerated Centrifuge • MOQ: 1 Unit

The JW-3021HR touchscreen high-speed refrigerated centrifuge features Large true-color LCD display with full touchscreen interface; microcomputer-controlled,...



Overview

The JW-3021HR 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	510x555x488mm
Max. Speed	23000rpm
Max. Capacity	100mlx6
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	36796xg



JW-3021HR Main Technical Parameters

Model	JW-3021HR
Max. Speed	23000rpm
Max. RCF	36796xg
Max. Capacity	100mlx6
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	1500W
Net weight/Instrument size	76kg/670mmx410mmx400mm
gross weight/Package dimensions	96kg/770mmx590mmx590mm

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	14500 rpm	16219×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	23000 rpm	28388×g	
H0.524	Fixed-angle Rotor 0.5ml×24	0.5ml×24	22000 rpm	36796×g	
H0.548	Fixed-angle Rotor 0.5ml×48	0.5ml×48	16000 rpm	22324×g	
H0212	Fixed-angle Rotor 1.5ml/2.2ml×12	1.5ml/2.2ml×12	22000 rpm	36796×g	
H0224	Fixed-angle Rotor 1.5ml/2.2ml×24	1.5ml/2.2ml×24	17500 rpm	29890×g	
H0236	Fixed-angle Rotor 1.5ml/2.2ml×36	1.5ml/2.2ml×36	16000 rpm	25473×g	
H0248	Fixed-angle Rotor 1.5ml/2.2ml×48	1.5ml/2.2ml×48	15500 rpm	26672×g	
H0312	Fixed-angle Rotor 3ml(vacuum blood collection tube)×12	3ml(vacuum blood collection tube)×12	8000 rpm	4866×g	



No.	Rotor	Capacity	Max. Speed	Max. RCF	Adapters
H0324	Fixed-angle Rotor 3ml(vacuum blood collection tube)×24	3ml(vacuum blood collection tube)×24	7000 rpm	4821×g	
H0512	Fixed-angle Rotor 5ml×12	5ml×12	17000 rpm	21971×g	
H0524	Fixed-angle Rotor 5ml×24	5ml×24	13500 rpm	17115×g	
H0712	Fixed-angle Rotor 5ml(vacuum blood collection tube)×12	5ml(vacuum blood collection tube)×12	8000 rpm	7119×g	
H0724	Fixed-angle Rotor 5ml(vacuum blood collection tube)×24	5ml(vacuum blood collection tube)×24	7000 rpm	5259×g	
H1012	Fixed-angle Rotor 10ml×12	10ml×12	15500 rpm	23261×g	
H1024	Fixed-angle Rotor 10ml×24	10ml×24	12500 rpm	16770×g	
H1508	Fixed-angle Rotor 15ml×8	15ml×8	13000 rpm	17572×g	
H1512	Fixed-angle Rotor 15ml×12	15ml×12	12500 rpm	17469×g	5ml
H3006	Fixed-angle Rotor 30ml×6	30ml×6	15000 rpm	22640×g	
H5006	Fixed-angle Rotor 50ml×6	50ml×6	13000 rpm	18762×g	
H5008	Fixed-angle Rotor 50ml×8	50ml×8	12000 rpm	16904×g	
H1004	Fixed-angle Rotor 100ml×4	100ml×4	12000 rpm	16904×g	
H1006	Fixed-angle Rotor 100ml×6	100ml×6	12000 rpm	16904×g	
NO1	Swing-out Rotor Body 10ml×12	10ml×12	5000 rpm	3913×g	
NO2	Swing-out Rotor Body 50ml×4	50ml×4	5000 rpm	3913×g	
NO3	Swing-out Rotor Body 100ml×4	100ml×4	5000 rpm	3913×g	100ml×4 50ml×4 15ml(conical tube)×12 10ml(vacuum blood collection tube)×16 50ml×8 15ml(conical / urine sediment tube)×24
NO4	Microplate Rotor 48-well ×2×2	48-well ×2×2	5000 rpm	2432×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.