Benchtop High Speed Centrifuge
IBHC-5150



Benchtop High Speed Centrifuge IBHC-5150 small footprint and compact centrifuge of capacity from 6×50ml to 4×750ml with maximum speed ranging 21000 rpm. Designed with lock function, self-diagnostic function, and Automatic identification system for magnetic rotor, automatic matching of corresponding rotor program, preventing misoperation and ensuring centrifugal safety. Suitable for clinical medicine, biochemistry, genetic engineering, immunological applications. Features with touch screen with multi-functional knob combination parameters. Available with 15 profiles for acceleration and for deceleration with high efficiency. For safety we introduced electronic door lock function and, imbalance detection, over-speed protection, inching function, short-spin function. Storages up to 99 program groups, 99 use records programming space and accommodates angle, swing out rotor, Elisa plate Rotor, and Enzyme plate; Square Hanging Basket. Suitable for clinical medicine, biochemistry, genetic engineering, immunological applications.

Rotors

Model	IBHC-5050	IBHC-5150	IBHC-5250	IBHC-5350
Rotor	Angle Rotor 1: 12×5ml; 16500rpm; 15720×g Angle Rotor 2:24×1.5/2.2ml; 15000rpm; 20625×g Angle Rotor 3:4×8×0.2ml PCR; 14000rpm; 14395×g	Angle Rotor 1:12×1.5/2.2ml; 18500rpm; 23110×g Angle Rotor 2:24×1.5/2.2ml; 15000rpm; 20625×g Angle Rotor 3:12×5ml; 16000rpm; 17888×g Angle Rotor 4:12×10ml; 14000rpm; 17635×g Angle Rotor 5:6×50ml(Sharp/Round type);13000rpm; 17760×g Angle Rotor 6:12×15(Sharp type); 12000rpm; 15775×g Angle Rotor 7:4×100ml; 12000rpm; 16175×g Swing out Rotor 8:8×50ml(Sharp type); 4000rpm; 2680×g Elisa plate Rotor 9: 2×2×96 hole; 4000rpm; 2300×g Elisa plate Rotor 10:4×50ml+16×15ml; 4000rpm; 2810×g	Angle Rotor 1:16×1.5/2.2ml; 20000rpm; 30185×g Angle Rotor 2:36×1.5/2.2ml; 14000rpm; 19280×g Angle Rotor 3:12×5ml; 18000rpm; 22640×g Angle Rotor 4:12×15ml(Sharp Type); 12000rpm; 15775×g Angle Rotor 5:6×50ml (Sharp/Round type); 14000rpm; 20598×g Angle Rotor 6:6×100ml; 12000rpm; 17918×g Swing-out rotor With Multi-Pipe 7: 4×50ml; 4×100ml; 8×50ml; 8×100ml; 16×10/15ml; 24×10/15ml; 32×10/15ml; 48×5/7ml(blood Tube);48×5/7ml(blood Tube); 4000rpm; 2810×g Swing out Rotor 8:4×250ml; 4000rpm;3500×g Swing out Rotor 9:2×2×96 hole Elisa Plate; 4000rpm; 1900×g	Angle Rotor 1:12×1.5/2.2ml; 21000rpm; 29780×g Angle Rotor 2:12×5ml; 18000rpm; 22640×g Angle Rotor 3:24×1.5/2.2ml;16000rpm; 23470×g Angle Rotor 4:12×10ml;15000rpm; 20250×g Angle Rotor 5:48×1.5/2.2ml; 14000rpm; 20488×g Angle Rotor 6:4×100ml;14000rpm;22020×g Angle Rotor 7:6×50ml Sharp/round Bottom; 14000rpm; 20598×g Angle Rotor 8:12×15 Sharp bottom; 12000rpm;15775×g Angle Rotor 9:8×8×0.2ml;14000rpm;16434×g Swing-out rotor 10:4×500/750ml; adaptor□28×50ml Sharp Bottom;adaptor□56×15ml Sharp bottom: 4200rpm; 3950×g Swing-out rotor 11:4×2×96 holes Enzyme plate; Square Hanging Basket; 4200rpm; 3910×g

Technical Specification:

Model	IBHC-5150
Speed Range (rpm)	18500 rpm
Max RCF	23110×g
Capacity	4×100ml
Timer	1min to 99h, 59min, 59s
External Dimemsions (HxLxW) mm	515×400×330 mm
Net Weight (kg)	35 kg
Shipping Dimensions (HxLxW) mm	570×450×390 mm
Power	550 W
Electrical Requirements	AC 220±22V 50Hz 15A
Catalogue No.	1401601002

Technical Data:

Model	IBHC-5050	IBHC-5150	IBHC-5250	IBHC-5350
Capacity	12×5ml	4×100ml	4×250ml	4×750ml
Max RCF	20625×g	23110×g	30185×g	29780×g
Speed Range	16500 rpm	18500 rpm	20000 rpm	21000 rpm
Noise	?62dB?A?	?60dB?A)		
;Rotor Diameter	200 mm	320 mm	380 mm	430 mm
Revolutions/min	±10 rpm			
Timer	1min to 99h, 59min, 59s			
Power Consumption	500 W	550 W	750 W	1200 W
Dimension	335×270×245 mm	515×400×330 mm	540×430×395 mm	560×460×390 mm
Packing Dimension	412×347×332 mm	570×450×390 mm	627×502×442 mm	637×537×484 mm
Net Weight	15 kg	35 kg	45 kg	58 kg
Electrical Requirement	AC 220±22V 50Hz 15A			
Catalogue No.	1401600502	1401601002	1401601502	1401602002



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