



EVO BP Series

BLOOD PROCESSING CENTRIFUGE

Newton Scientific EVO Series Floor Centrifuge

Versatile, high-throughput sample processing from quad blood bags, to 2L bottles, to 168 blood collection tubes. Save time and ensure sample integrity with fast acceleration and deceleration rates, combined with smooth runs at all speeds.

Ergonomic Design

Touchscreen interface with bright, highly visible, and durable display simplifies run set-up.

Adjustable Acceleration and Deceleration

10 rates available for to ensure the unit provide the best acceleration and deceleration profile to ensure your samples get the best separation.



DISPLAY

Large Multi-color Touchscreen Display provide clear indication of running condition including rotor, speed, RCF, time etc.

The glove friendly touchscreen display gives you ease of control and a modern feel. An advanced microprocessor controls allow for setting/displaying of the rotational speed in either RPM or RCF. It is splash-proof and protects the inner electronics from external elements.



PERFORMANCE

There are 10 rates available for customised acceleration and deceleration profile plus zero brake for each of your program. Ensuring your samples get the best separation. Frequency variable motor drive system enable the unit to operate in a stable and quiet manner. Pre-cool function allows set temperature to be reached rapidly.

FLEXIBILITY

Our floor standing centrifuges simplify high-throughput sample processing with up to **18,610 x g**, maximized capacity up to 12 liters, and an extensive rotor portfolio. Supporting labware from microtubes, to 2 Liter bottles to blood bags. Overcome challenges of a shared laboratory setting with the productivity, reproducibility, safety and reliability of a Newton Scientific Centrifuge.



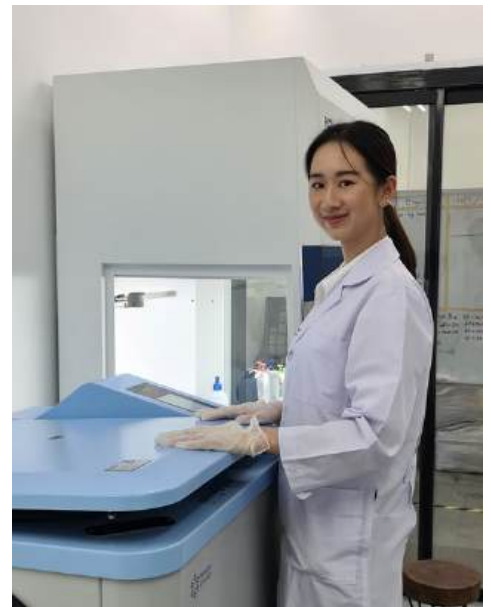
Precision metal components for both shaft and rotor ensure reliable performance and long life

CONVENIENT

The EVO Series centrifuge enable the users to edit and store up to 40 programs with combination of speed, centrifugal force, running time, acceleration/ deceleration rate which is sufficient for all users in a lab.

SAFETY

Enhanced safety provided by electronic door lock and protection against imbalance, over speed and over heat. These three layers of protection ensure safety of the machine and user.



Ordering Information and Specifications



Model	EVO 6BP	EVO 8BP	EVO 12BP+
Cat. No.	87000600	87000800	87001200
Max. RPM (rpm)	6,500	9,000	8,000
RPM accuracy	±10 rpm		
Max. RCF (x g)	6,680	18,610	12,165
Max. Capacity	6 x 1000 ml	8 x 2000 ml	6 x 2400 ml
Set Time	1s to 99h 99m 99s		
Temp. Range	-20°C to 40°C		
Temp. Accuracy	±1.0°C		
Dimension (mm)	1060 x 745 x 905	1060 x 890 x 970	1180 x 860 x 975
Weight (Kg)	280	540	585
Power Supply	AC 200-240 V, 50/60 Hz		
Power (W)	4500	7500	7500
Sound Level	≤ 62 dBA	≤ 65 dBA	

Rotor Selections

Cat. No.	Descriptions	Max. Speed (RPM)	Max. RCF (x g)
EVO 6BP			
87160250	Angle Rotor, 6 x 250 ml	6500	6610
87160500	Angle Rotor, 6 x 500 ml	6500	6680
87261000	Swing Out Rotor, 6 x 1000 ml + Round Buckets	4200	5100
87361000	Swing Out Rotor, 6 x 1000 ml + Rectangular Buckets	4200	5100
87361001	Blood Bag Package includes 1) Swing Out Rotor, 6 x 1000 ml 2) Rectangular Buckets (6pcs) 3) Inserts for 6 x 450/500 ml Blood Bags (6pcs)	4200	5100

87160250
4 x 250ml



87160500
6 x 500ml



87161000
6 x 1000ml



87261000
6 x 1000ml



87262393
6 x 2000ml



87212001
12 x 450-550ml
Quad Bags





Cat. No.	Descriptions	Max. Speed (RPM)	Max. RCF (x g)
EVO 8BP			
87262393	Swing Out Rotor, 6 x 2000 ml	4200	4497
87262394	Swing Out Rotor, 6 x 2400 ml	4200	5601
87262395	Swing Out Rotor, 8 x 2000 ml	4200	6291
87262396	Blood Bag Package 1 includes: 1) Swing Out Rotor, 6 x 1000 ml 2) Rectangular Buckets (6 pcs) 3) Inserts for 6 x 450-550 ml Blood Bags (6pcs)	4200	6291
87262397	Blood Bag Package 2 includes: 1) Swing Out Rotor, 8 x 2000 ml 2) Rectangular Buckets (8 pcs) 3) Inserts for 8 x 450-550 ml Blood Bags (8pcs)	4200	6291
87262501	Inserts for 6 x 450-550 ml Blood Bags (6pcs)		
87262502	Inserts for 8 x 450-550 ml Blood Bags (8pcs)		
EVO 12BP+			
87160500	NSA-6.500 Angle Rotor, 6 x 500 ml	8000	11949
87161000	NSA-6.1000 Angle Rotor, 6 x 1000 ml	8000	15527
87262401	Bioprocessing Package includes 1) Swing Out Rotor, 6 x 2000 ml 2) Rectangular Buckets for 12 x 1 L (6pcs)	4500	6430
87212001	Blood Bag Package includes 1) Swing Out Rotor, 6 x 2000 ml 2) Rectangular Buckets (6pcs) 3) Inserts for 12 x 450-500 ml Blood Bags (6pcs)	4500	6430
87262506	Balancing Weight Set		

Note: We have a comprehensive list of adaptors for all our rotors and we also provide customise adaptors for unique labwares/containers. Speak to us today regarding your requirements.



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