



Avante 3

BENCH TOP CENTRIFUGE

Avante 3 Small Bench Top Centrifuge

Versatile, provide exceptional capacity in a compact design with a smart, simple interface and the flexibility to support numerous applications with precise control on acceleration and deceleration rates, combined with smooth runs at all speeds.

Adjustable Acceleration and Deceleration

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

Ergonomic Design

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

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

With 15 acceleration and 16 deceleration rates (including zero brake option), our centrifuges allow for highly customised profile, 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.

REPRODUCIBILITY

Precise centrifugation is achieved using the "At set rpm" function. The timer starts when the selected rotational speed is reached. As a result, different runs can be more easily reproduced.

FLEXIBILITY

Our small bench top centrifuges simplify high-throughput sample processing with speed up to **6,000 rpm**, simplify high-throughput sample processing with maximized capacity up to **6 x 50 ml**, and an extensive rotor portfolio. Supporting labware from PCR tubes, conical centrifuge tubes, to microplates. Overcome challenges of a shared laboratory setting with the productivity, safety, and reliability of a Newton Scientific Centrifuge.

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



CONVENIENT

Newton Scientific centrifuge enable the users to edit and store up to **99** programs with combination of speed, centrifugal force, temperature*, 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	Avante 3
Cat. No.	88001300
Max. Speed	6,000 rpm
RPM Accuracy	±10 rpm
Max. RCF	4,338 x g
Max. Capacity	4 x 100 ml
Set Time Range	1s to 99h 59min 59s
Dimension	500 x 320 x 360 mm
Weight	28 Kg
Power Supply	AC 200-240V, 50Hz
Power	500W
Sound Level	≤ 60dBA

Rotors & Accessories



88001311
6 x 50ml Con.



88001313
12 x 15ml Con.




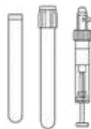

**88001314 +
88001316**
16 x 15ml Con.



88001318
4 x PCR Plate or
2 x Deep Well Plate

Cat. No.	Capacity	Max. Speed (RPM)	Max. RCF (x g)
88001311	Angle Rotor, 6 x 50ml Con./Round	6,000	4,338
88213008	Adapters for 15 ml Con (1pc)		
88001313	Angle Rotor, 12 x 10/15 ml Tube Ø 17 x 120 mm	6,000	4,226
88001323	Angle Rotor, 24 x 10/15 ml Tube Ø 17 x 120 mm	4,500	3,053
88001324	Adapters for 7 ml blood tube, set of 12 pcs		
88001325	Adapters for 2-5 ml blood tube, set of 12 pcs		
88001314	Swing Out Rotor, 4 place	4,200	2,622
88001315	Carrier, 16 x 10ml Vacutainer Tube (set of 4)		
88001316	Carrier, 16 x 15ml Con. Tube (Set of 4)		
88001317	Carrier, 4 x 50ml Con. Tube (set of 4)		
88001318	Swing Out Rotor with carriers for 4 x PCR Plate	4,200	1,637

Swing Out Rotors

Cat. No.	Descriptions	Max. Speed (RPM)	Max. RCF (x g)
88208001	Cell Culture Package 1 includes: 1) Swing Out Rotor 2) Carriers for 4 x 50 ml Conical 3) Carriers for 16 x 15 ml Conical/Round Bottom Tube	4,500	3,010
88208002	Cell Culture Package 2 includes: 1) Swing Out Rotor with carriers for 8 x 50 ml Conical/Round Bottom Tube	4,000	2,680
88208003	Blood Tube Package includes: 1) Swing Out Rotor 2) Carriers for 16 x 10-15 ml Blood Tube (Ø 16 x 100-125 mm)  3) Adaptors for 16 x 7 ml Blood Tube (Ø 13 x 100 mm)  4) Adaptors for 16 x 2-5 ml Blood Tube (Ø 13 x 75 mm) 	4,500	3,010
88208004	Cell Culture + Blood Tube Package includes: 1) Swing Out Rotor 2) Carriers for 4 x 50 ml Conical Tube 3) Carriers for 16 x 15 ml Conical Tube or 16 x 10-15 ml Blood Tube (Ø 16 x 100-125 mm) 4) Adaptors for 16 x 2-5 ml Blood Tube (Ø 13 x 75 mm) 5) Adaptors for 16 x 7 ml Blood Tube (Ø 13 x 100 mm)	4,500	3,010
88201014	Swing Out Rotor with carriers for 4 x PCR Plate	4,200	1,637



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