



# Avante 2

BENCH TOP CENTRIFUGE

## Avante 2 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

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

### Ergonomic Design

Easy to use interface with bright, highly visible, and durable display simplifies run set-up.

### DISPLAY

LED Display provide clear indication of running condition including rotor, speed, RCF, time etc.



The glove friendly buttons 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 acceleration rates and 10 deceleration available for customised protocols. 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 small bench top centrifuges simplify high-throughput sample processing with up to **5,000 rpm**, simplify high-throughput sample processing with maximized capacity up to 6 x 50ml tubes, and an extensive rotor portfolio. Supporting labware from 2 ml blood tube to 50ml conical tubes. 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 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	Avante 2
Cat. No.	88001200
Max. Speed	5,000 rpm
RPM Accuracy	±10 rpm
Max. RCF	3,913 x g
Max. Capacity	6 x 50 ml
Set Time Range	1 s to 99 h 59 m 59 s
Dimension	320 x 430 x 260 mm
Weight	19 Kg
Power Supply	AC 200-240 V, 50/60 Hz
Power	150W
Sound Level	≤ 62dBA

## Rotors & Accessories



**88001311**  
6 x 50ml Con.



**88001313**  
12 x 15ml Con.



**88001323**  
24 x 10/15ml

Cat. No.	Capacity	Max. Speed (RPM)	Max. RCF (x g)
88002316	Angle Rotor, 6 x 50 ml con/round bottom	5,000	2,864
88213008	Adapters for 15 ml Con (1pc)		
88002317	Angle Rotor, 12 x 15ml conical/round bottom tube (Ø 17 x 120 mm)	5,000	3,018
88001321	Adapters for 5-7 ml blood tube, set of 12 pcs (Ø 13 x 100 mm)		
88001322	Adapters for 2-5 ml blood tube, set of 12 pcs (Ø 13 x 75 mm)		
88002320	Angle Rotor, 12 x 20ml	4,000	2,280
88002318	Angle Rotor, 24 x 10-15 ml blood tube (Ø 16 x 90-105 mm)	5,000	3,214
88002319	Angle Rotor, 12 x 10-15 ml blood tube (Ø 16 x 90-105 mm)	5,000	2,906
88001324	Adapters for 5-7 ml blood tube, set of 12 pcs (Ø 13 x 100mm)		
88001325	Adapters for 2-5 ml blood tube, set of 12 pcs (Ø 13 x 75 mm)		
88002326	Angle Rotor, 24 x 2-5 ml blood tube (Ø 13 x 75 mm)	5,000	2,376



Unit 2, New Horizon  
Business Centre, Barrows  
Road, Harlow, Essex, United  
Kingdom, CM19 5FN  
info@newton-scientific.com  
www.newton-scientific.com

