

Avante Bench Top Centrifuge

PERFORMANCE

There are 16 rates available for customised acceleration and deceleration profile for each of your program. Frequency variable motor drive system enable the unit to operate in a stable and quiet manner.

FLEXIBILITY

Our bench top multi-function high speed centrifuges simplify high-throughput sample processing with up to 23,100 x g, maximized capacity up to 4 x 100ml, and an extensive rotor portfolio. Supporting labware from microtubes, to 100ml tubes. Overcome challenges of a shared laboratory setting with the productivity, safety, and reliability of a Newton Scientific Centrifuge.



Small Footprint

Great spacer saver. Maximizes workspace.

Ergonomic design

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

Adjustable Acceleration and Deceleration

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

Versatile, high-throughput sample processing from 100ml centrifuge tubes, to 50mL or 15ml conical tubes, to 24 microtubes per run. Save time and ensure sample integrity with fast acceleration and deceleration rates, combined with smooth runs at all speeds.

The touchscreen 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.

Large multi-color Touchscreen display provide clear indication of running condition including rotor, speed, RCF, time etc. The touchscreen is splash-proof and protects the inner electronics from external elements.

Frequency variable motor drive system enable the unit to operate in a stable and quiet manner.

CONVENIENT

Newton Scientific Hematocrit 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 enough 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.

Rotors

Cat. No.	Type	Capacity	Max Speed (rpm)	RCF (x g)
88105001		Angle Rotor, 12x1.5/2.0ml	16,000	17,888
88105002		Angle Rotor, 24x1.5/2.0ml	15,000	20,625
88105003		Rotor, 4 x PCR Strips	14,000	14,395
88105004		Angle Rotor, 12x5ml	18,500	23,110
88105005		Angle Rotor, 12 x 10ml	14,000	17,635
88105006		Angle Rotor, 12 x 15ml Con	13,000	17,760
88105007		Angle Rotor, 6 x 50ml Con/Round	12,000	15,775
88105008		Angle Rotor, 8 x 50ml Con	12,000	16,176
88105009		Angle Rotor, 4 x 100ml	4,000	2,680
88105010		Swing Out Rotor with 4 x 50ml & 16 x 15ml carriers	4,000	2,300
88105011		Swing Out Rotor for 4 x PCR Plate	4,000	2,810

Specification and Ordering Information



	Newton Scientific Avante 8	Newton Scientific Avante 8R
Cat. No.	88001800	88001801
Max RPM (rpm)	18,500 rpm	18,500 rpm
RPM accuracy	±20 rpm	±20 rpm
Max RCF	23,100 × g	23,100 × g
Max Capacity	4×100 ml	4×100 ml
Set Time	1s to 99h 59min 59s	1s to 99h 59min 59s
Temp Range	NA	-20°C to 40°C
Temp Accuracy	NA	±1.0°C
Power Supply	AC 200-240V, 50Hz	AC 200-240V, 50Hz
Sound Level	≤ 65dBa	≤ 58dBa

SERVICES AVAILABLE

Technical Support
 Installation and Setup
 Maintenance
 Application Support
 Hardware Support

For more information on
 any of our products or
 services please visit us on
 the Web at: www.newton-scientific.com



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