



# Micro 24 & Micro 24R

## MICROCENTRIFUGE

## Micro 24<sup>®</sup> and Micro 24R<sup>®</sup> Micro Centrifuge

Versatile, high-throughput sample processing from 24 x 1.5/2.0 ml microtubes to 12 x 5ml centrifuge tubes per run. Save time and ensure sample integrity with fast acceleration and deceleration rates, combined with smooth runs at all speeds.

### Small Footprint

Great spacer saver.  
Maximizes workspace.

### 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 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. It is splash-proof and protects the inner electronics from external elements.

## PERFORMANCE

There are 15 rates available for customised acceleration and deceleration profile for each of your program (zero brake option available). 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 bench top high speed microcentrifuges simplify high-throughput sample processing with up to 21,616 x g, maximized capacity up to 12 x 5ml, and an extensive rotor portfolio. Supporting labware from PCR tubes, strip tubes, 2ml microtubes, to 5ml 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**



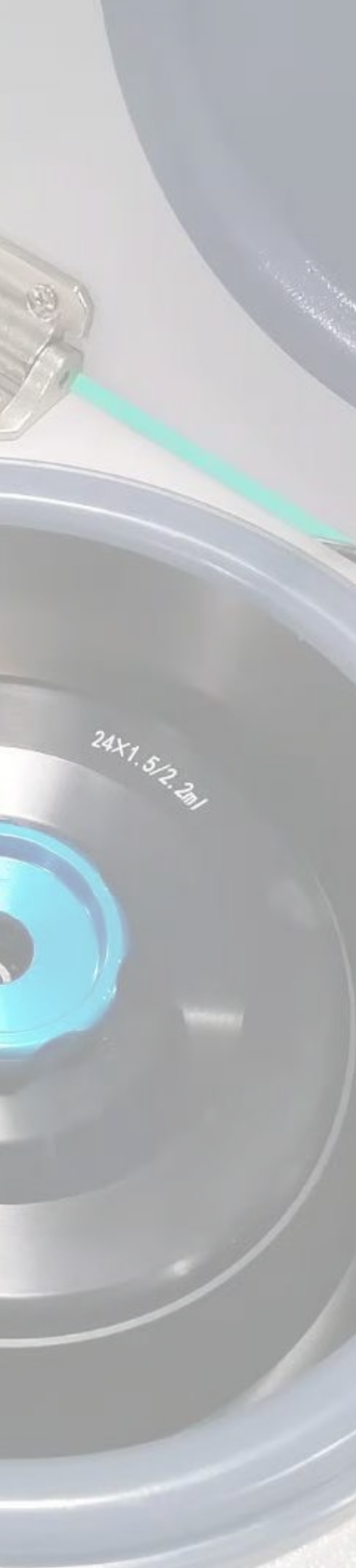
## CONVENIENT

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	Micro 24	Micro 24R
Cat. No.	86005001	86005002
Max. Speed	16,500 rpm	16,500 rpm
RPM Accuracy	±10 rpm	±10 rpm
Max. RCF	21,616	21,616
Max. Capacity	60 ml	60 ml
Set Time Range	1s to 99h 59m 59s	1s to 99h 59m 59s
Temp Range	-	-20 °C to 40 °C
Temp Accuracy	-	±1.0 °C
Dimension	270 x 335 x 245 mm	295 x 470 x 360 mm
Weight	18 kg	38 Kg
Power Supply	AC 200-240 V, 50 Hz	AC 200-240 V, 50 Hz
Power	363 W	800 W
Sound Level	≤ 60 dBA	≤ 60 dBA



## Rotors and Accessories

Cat. No.	Type	Capacity	Max. Speed (RPM)	Max. RCF (x g)
86005016		Angle rotor, 12 x 5ml	16,000	17,353
86005032		Adapter, 1.5/2.0 ml HPLC vials (12 pcs)		
86005033		Adapter, 1.5/2.0 ml microtube (12 pcs)		
86005017		Angle rotor, 24 x 1.5/2ml	15,000	21,616
86005018		Angle rotor, 16 x 1.5/2ml	16,500	20,895
86005030		Adapter, 0.2ml PCR tube (24 pcs)	-	-
86005031		Adapter, 0.5ml PCR tube (24 pcs)	-	-
86005019		Angle rotor, 8 x PCR Strips	14,000	15,030
86005015		Hematocrit rotor, 24 x hematocrit tubes	12,000	13,845



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