



# Centrifuges

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Version 1.0

# Overview



LabCo Scientific offers a wide range of centrifuges that are ideal for clinical, medical and research laboratories. They are compact units designed for efficient separation of samples and can accommodate a variety of tube sizes and sample volumes.

Across the range, our units feature quiet operation and a variety of safety features that ensure reliable results from routine spins, to high-speed procedures.

## MICRO

The Micro centrifuge is designed to meet your laboratory needs with ease and affordability in mind. It is ideal for quick spin downs and micro filtration.



## MICRO LOW SPEED

The Micro Low Speed Centrifuge is a versatile, compact unit designed for everyday laboratory and clinical use. It offers effective separation with adjustable speeds, LCD display and built-in safety features.



## MINI

The Mini Centrifuge is a compact unit designed for quick, routine spin downs. Easy to use and lightweight, it accommodates small sample volumes.

It has built-in safety features like over speed/temperature detection, a durable brushless motor, as well as vibration-free operation. Ideal for research and clinical environments.



## MINI HIGH SPEED & REFRIGERATED

The Mini High Speed and Mini High Speed Refrigerated centrifuges are compact, powerful instruments designed for rapid sample separation. They feature high rotational speeds, safety controls and digital interfaces.

The refrigerated model features pre-cooling prior to operation and can accommodate sub-ambient working temperatures.



## CLINICAL & CLINICAL E

These Clinical centrifuges are compact and reliable units designed for clinical laboratories. They offer versatile rotor configurations to accommodate a variety of tube types and gentle braking ensures effective separation.

Rotors can be configured to spin multiple tube types and a short run time function allows for quick spin downs. Safety features include automatic lid-locking, over speed/temperature detection as well as automatic internal diagnosis.



## HAEMATOCRIT

The Haematocrit Centrifuge is designed for quick and efficient separation of blood samples in capillary tubes. Compact and reliable, it combines high speed performance with user-friendly controls and a clear LCD display.

Packed with safety features plus automatic internal diagnosis and rotor identification.



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# PRODUCT COMPARISON GUIDE



MODEL	MICRO	MICRO LOW SPEED	MINI	MINI HIGH SPEED	MINI HIGH SPEED REFRIGERATED
APPLICATION	Ideal for quick spin downs.	Ideal for routine medical practice in hospitals, clinics and research institutes.	Small footprint makes it perfect for every laboratory.	Compact and can support large number of samples.	Compact, high performance unit with rapid cooling and multiple rotors.
TUBE SIZE	Suitable for 8 or 32 tubes: 0.2mL/0.5mL/ 1.5mL/2mL	Suitable for 6 tubes: 1.5mL/2mL/5mL/ 7mL/10mL/15mL	Suitable for 12 tubes: 0.2mL*/0.5mL*/ 1.5mL/2mL	Suitable for 24 or 36 tubes: 0.2mL*/0.5mL*/ 1.5mL/2mL	Suitable for 24 or 36 tubes: 0.2mL*/0.5mL*/ 1.5mL/2mL
MAX. SPEED	7,000rpm	5,000rpm	15,000rpm	15,000rpm	15,000rpm
MAX. RCF	2,680 x G	2,600 x G	15,100 x G	21,380 x G	21,380 x G
REFRIGERATED	No	No	No	No	Yes
PAGE NUMBER	5-6	7-8	9-10	12-13	14-15
MODEL NUMBER	<a href="#">400.003.005</a>	<a href="#">400.003.020</a>	<a href="#">400.003.050</a>	<a href="#">400.003.205</a>	<a href="#">400.003.211</a>

\*Adapters required.

MODEL	CLINICAL	CLINICAL E
APPLICATION	Ideal for clinical labs with higher speed and more versatile tube capacities.	Ideal for clinical labs and allows for larger tube volumes and more controlled deceleration.
TUBE SIZE	Suitable for 8 or 12 tubes: 1.5mL/2mL/4mL/5mL/ 7mL/8.5mL/10mL	Suitable for 6 tubes: 15 / 50mL
MAX. SPEED	4,500rpm	4,000rpm
MAX. RCF	2,490 x G	1,800 x G
PAGE NUMBER	16-18	16-18
MODEL NUMBER	<a href="#">400.003.300</a>	<a href="#">400.003.301</a>



400.003.300



400.003.301

MODEL	HAEMATOCRIT
APPLICATION	Ideal for quick and efficient separation of blood samples in capillary tubes.
TUBE SIZE	Suitable for 24 capillary tubes
MAX. SPEED	12,000rpm
MAX. RCF	13,680 x G
PAGE NUMBER	19-20
MODEL NUMBER	<a href="#">400.003.100</a>



# Micro

The Micro Centrifuge is designed to meet your laboratory needs with ease and affordability in mind. It is ideal for quick spin downs and micro filtration.

With safety in mind, it has a dual door interlock design that ensures the lid is secure when in use. The transparent lid allows for easy viewing of the samples.

## FEATURES + BENEFITS

- Two rotors supplied with delivery
- Transparent lid for easy viewing
- Dual door interlock design
- Starts and brakes in seconds
- Start/Stop functions by closing/opening lid



## OPERATION



## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	7,000rpm
SPEED RANGE	Fixed
MAX. RCF	2,680 x G
RUN TIME	Continuous
DRIVING MOTOR	DC brushless motor
DOOR INTERLOCK	Yes
POWER	240V/60Hz
NOISE LEVEL	≤45dB
DIMENSIONS (WxDxH)	160 x 170 x 122mm
WEIGHT	0.5kg

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.005</a>	Centrifuge Micro	Each
<a href="#">400.003.010</a>	Tube Rotor	Each
<a href="#">400.003.015</a>	Adapter for Rotor 0.2mL Tubes	PK8
<a href="#">400.003.016</a>	Adapter for Rotor 0.5mL Tubes	PK8
<a href="#">400.003.011</a>	Strip Rotor	Each
<a href="#">650.550.305</a>	Tube 0.5mL	PK1,000
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500

### Supplied with:



Tube Rotor (400.003.010)

- Suitable for 8 tubes:
- 0.2mL\* / 0.5mL\* / 1.5mL / 2mL
- \*Adapters supplied (400.003.011, 400.003.015 & 400.003.016)



Strip Rotor (400.003.011)

- Suitable for:
- 0.2mL PCR Tube x 32
- 0.2mL PCR Tube strip of 8 x 4

## ACCESSORIES



[400.003.010](#)  
Tube Rotor



[400.003.011](#)  
Strip Rotor



[400.003.015](#) adapters loaded  
into [400.003.010](#) Rotor



[400.003.016](#) adapters loaded  
into [400.003.010](#) Rotor



[650.550.305](#)  
Tube 0.5mL



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL

# Micro Low Speed

The Micro Low Speed Centrifuge is a versatile, compact unit designed for routine medical practice in hospitals, clinics and research institutes. It offers effective separation with adjustable speeds, a clear LCD display and built-in safety features such as lid lock and over speed detection.

Powered by a quiet, maintenance-free brushless motor, it has a built-in fixed angle rotor that supports a range of tube sizes.



## FEATURES + BENEFITS

- Built-in fixed angle rotor
- Speed switch (RPM/RCF)
- LCD display
- Automatic lid-lock
- Over speed detection
- Automatic internal diagnosis
- Maintenance-free DC brushless motor
- Sound alert function

## OPERATION



# Micro Low Speed

## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	5,000rpm
SPEED RANGE	300 to 5,000rpm (10rpm increments)
MAX. RCF	2,600 x G (10G increments)
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes
PROGRAMS MEMORY	2
DRIVING MOTOR	DC brushless motor
DISPLAY	LCD
DOOR INTERLOCK	Yes
OVER SPEED DETECTION	Yes
AUTOMATIC INTERNAL DIAGNOSIS	Yes
POWER	240V/60Hz
NOISE LEVEL	≤54dB
ACCELERATION TIME	1 second
DECELERATION TIME	2 seconds
DIMENSIONS (WxDxH)	300 x 240 x 180mm
WEIGHT	5.2kg

### Supplied with:

Tube Rotor (built-in)

- Suitable for 6 tubes:
- 1.5mL\* / 2mL\* / 5mL\* / 7mL / 10mL / 15mL
- \*Adapters supplied (400.003.025 & 400.003.026)

## ACCESSORIES



[400.003.025](#)  
Adapter for Rotor  
5mL Tubes



[400.003.026](#)  
Adapter for Rotor  
1.5/2mL Tubes



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.020</a>	Centrifuge Micro Low Speed	Each
<a href="#">400.003.025</a>	Adapter for Rotor 5mL Tubes	PK24
<a href="#">400.003.026</a>	Adapter for Rotor 1.5/2mL Tubes	PK24
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500

# Mini

The Mini Centrifuge is a compact unit with a small footprint designed for quick, routine spin downs. Easy to use and lightweight, it accommodates small sample volumes.

It has built-in safety features like over speed and over temperature detection, a durable brushless motor, as well as vibration-free operation. Ideal for research and clinical environments.

## FEATURES + BENEFITS

- Cast iron chassis with low gravity provides stable and reliable running
- Door interlock
- Over speed detection
- Over temperature detection
- Automatic internal diagnosis
- Short time run function
- Sound alert function
- Vibration-free



## OPERATION



## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	15,000rpm
SPEED RANGE	500 to 15,000rpm (100rpm increments)
MAX. RCF	15,100 x G (100G increments)
SPEED ACCURACY	±20rpm
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes
DRIVING MOTOR	DC brushless motor
DISPLAY	LCD
DOOR INTERLOCK	Yes
OVER SPEED DETECTION	Yes
OVER TEMPERATURE DETECTION	Yes
AUTOMATIC INTERNAL DIAGNOSIS	Yes
POWER	240V/60Hz
NOISE LEVEL	≤54dB
ACCELERATION TIME	11 seconds
DECELERATION TIME	9 seconds
DIMENSIONS (WxDxH)	255 x 245 x 140mm
WEIGHT	6kg

### Supplied with:

Tube Rotor  
(400.003.056)



- Suitable for 12 tubes:
- 0.2mL\* / 0.5mL\* / 1.5mL / 2mL
- \*Adapters required (400.003.065 & 400.003.066)

## ACCESSORIES



[400.003.056](#)  
Rotor for Mini  
Centrifuge



[400.003.056](#)  
Adapter for Rotor  
0.2mL Tubes



[400.003.066](#)  
Adapter for Rotor  
0.5mL Tubes



[650.550.305](#)  
Tube 0.5mL



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.300.050</a>	Centrifuge Mini	Each
<a href="#">400.003.056</a>	Rotor for Mini Centrifuge	Each
<a href="#">400.003.065</a>	Adapter for Rotor 0.2mL Tubes	PK24
<a href="#">400.003.066</a>	Adapter for Rotor 0.5mL Tubes	PK24
<a href="#">650.550.305</a>	Tube 0.5mL	PK1,000
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500

# PRODUCT COMPARISON GUIDE



SPECIFICATIONS	MICRO	MICRO LOW SPEED	MINI
PRODUCT CODE	<a href="#">400.003.005</a>	<a href="#">400.003.020</a>	<a href="#">400.003.050</a>
MAX. SPEED	7,000rpm	5,000rpm	15,000rpm
SPEED RANGE	Fixed	300 to 5,000rpm (10rpm increments)	500 to 15,000rpm (100rpm increments)
MAX. RCF	2,680 x G	2,600 x 10G increments	15,100 x G (100G increments)
RUN TIME	Continuous	Continuous; Timer: 30 seconds - 99 minutes	
PROGRAMS MEMORY	-	2	-
DRIVING MOTOR	DC brushless motor		
DISPLAY	-	LCD	
DOOR INTERLOCK	Yes		
OVER SPEED DETECTION	-	Yes	
OVER TEMP. DETECTION	-		Yes
AUTOMATIC INTERNAL DIAGNOSIS	-	Yes	
POWER	240V/60Hz		
NOISE LEVEL	≤45dB	≤54dB	
DIMENSIONS (WxDxH)	160 x 170 x 122mm	300 x 240 x 180mm	255 x 245 x 140mm
WEIGHT	0.5kg	5.2kg	6kg

# Mini High Speed

The Mini High Speed Centrifuge is a compact, reliable unit designed for everyday laboratory use. It can accommodate four different rotors and the aluminium alloy rotors are fully autoclavable at 121°C.

Packed with safety features, like dual door lid-lock, over speed/temperature detection as well as sound alert and automatic internal diagnosis.

Suitable for numerous biological, chemistry, clinical and research applications including molecular biology, clinical chemistry labs, wide variety of microbiology applications, such as DNA, RNA or protein isolation and many more.



## FEATURES + BENEFITS

- Optional four rotors available
- Aluminum alloy rotors are fully autoclavable at 121°C
- LCD display
- Dual door lid-lock
- Automatic door release when rotor stops
- Over speed detection
- Over temperature detection
- Automatic internal diagnosis
- Maintenance-free DC brushless motor
- Sound alert function
- Short run time function
- Rotors fitted with three-layer seal to prevent sample leakage

## OPERATION



# Mini High Speed

## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	15,000rpm
SPEED RANGE	200 to 15,000rpm (10rpm increments)
MAX. RCF	21,380 x G (10G increments)
SPEED ACCURACY	±20rpm
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes
DRIVING MOTOR	DC brushless motor
DISPLAY	LCD
DOOR INTERLOCK	Yes
OVER SPEED DETECTION	Yes
OVERTEMPERATURE DETECTION	Yes
AUTOMATIC INTERNAL DIAGNOSIS	Yes
POWER	240V/60Hz
NOISE LEVEL	≤64dB
ACCELERATION TIME	25 seconds
DECELERATION TIME	25 seconds
DIMENSIONS (WxDxH)	280 x 364 x 266mm
WEIGHT	12kg

### Supplied with:

Tube Rotor  
(400.003.221)

- Suitable for 24 tubes:
- 0.2mL\* / 0.5mL\* / 1.5mL / 2mL
- \*Adapters required  
(400.003.250 & 400.003.251)



## ACCESSORIES



[400.003.220](#)  
Rotor for 5mL Tubes x 18



[400.003.221](#)  
Rotor for 1.5mL/2mL  
Tubes x 24



[400.003.222](#)  
Rotor for 0.2mL/0.5mL  
Tubes x 36



[400.003.223](#)  
Rotor for 0.2mL PCR Strip  
of 8 x 4

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.205</a>	Centrifuge Mini High Speed	Each
<a href="#">400.003.220</a>	Rotor for 5mL Tubes x 18	Each
<a href="#">400.003.221</a>	Rotor for 1.5mL/2mL Tubes x 24	Each
<a href="#">400.003.222</a>	Rotor for 0.2mL/0.5mL Tubes x 36	Each
<a href="#">400.003.223</a>	Rotor for 0.2mL PCR Strip of 8 x 4	Each
<a href="#">400.003.252</a>	Adapter for Rotor 0.2mL Tubes (for 400.003.222)	PK36
<a href="#">400.003.065</a>	Adapter for Rotor 0.2mL Tubes (for 400.003.221)	PK24
<a href="#">400.003.066</a>	Adapter for Rotor 0.5mL Tubes (for 400.003.221)	PK24
<a href="#">650.550.305</a>	Tube 0.5mL	PK1,000
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500



[400.003.252](#)  
Adapter for Rotor 0.2mL  
Tubes (for 400.003.222)



[400.003.065](#)  
Adapter for Rotor  
0.2mL Tubes



[400.003.066](#)  
Adapter for Rotor  
0.5mL Tubes



[650.550.305](#)  
Tube 0.5mL



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL

# Mini High Speed Refrigerated



The Mini High Speed Refrigerated Centrifuge is a compact, high performance laboratory unit that features pre-cooling prior to operation. It can accommodate up to four interchangeable rotors as well as store up to nine user programs.

Safety features include a magnetic door locking design, imbalance detection, over speed/temperature detection and automatic internal diagnosis. Adjustable acceleration/deceleration allows for optimum separation of the sample.



## FEATURES + BENEFITS

- Optional four rotors available
- Aluminum alloy rotors are fully autoclavable at 121°C
- Pre-cooling system provides cool down prior to operation
- Powerful & efficient cooling system
- Up to 9 program storage capacity
- External condensation tank prevents water accumulation within centrifuge chamber
- Ergonomic electronic magnetic door lock design
- Lid remains closed when rotor stops
- Rotor imbalance detection
- Automatic internal diagnosis
- Maintenance-free DC brushless motor
- Over speed/temperature detection
- Sound alert function
- Short run time function

## OPERATION



# Mini High Speed Refrigerated

## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	15,000rpm
SPEED RANGE	200 to 15,000rpm (100rpm increments)
MAX. RCF	21,380 x G (10G increments)
ROTOR CAPACITY	1.5mL, 2mL x 24; 0.2mL, 0.5mL x 36; PCR Strip x 4; 5mL x 12; 5mL x 18
SPEED ACCURACY	±20rpm
TEMPERATURE RANGE	-20°C to 40°C
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes
DRIVING MOTOR	DC brushless motor
DISPLAY	LCD
DOOR INTERLOCK	Yes
OVER SPEED DETECTION	Yes
OVER TEMPERATURE DETECTION	Yes
AUTOMATIC INTERNAL DIAGNOSIS	Yes
POWER	240V/60Hz
NOISE LEVEL	≤56dB
ACCELERATION TIME	25 seconds
DECELERATION TIME	25 seconds
DIMENSIONS (WxDxH)	332 x 553 x 283mm
WEIGHT	30kg

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.211</a>	Centrifuge Mini High Speed Refrigerated	Each
<a href="#">400.003.220</a>	Rotor for 5mL Tubes x 18	Each
<a href="#">400.003.221</a>	Rotor for 1.5mL/2mL Tubes x 24	Each
<a href="#">400.003.222</a>	Rotor for 0.2mL/0.5mL Tubes x 36	Each
<a href="#">400.003.223</a>	Rotor for 0.2mL PCR Strip of 8 x 4	Each
<a href="#">400.003.252</a>	Adapter for Rotor 0.2mL Tubes (for 400.003.222)	PK36
<a href="#">400.003.065</a>	Adapter for Rotor 0.2mL Tubes (for 400.003.221)	PK24
<a href="#">400.003.066</a>	Adapter for Rotor 0.5mL Tubes (for 400.003.221)	PK24
<a href="#">650.550.305</a>	Tube 0.5mL	PK1,000
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500

### Supplied with:

Tube Rotor  
(400.003.221)



- Suitable for 24 tubes:
- 0.2mL\* / 0.5mL\* / 1.5mL / 2mL
- \*Adapters required  
(400.003.250 & 400.003.251)

## ACCESSORIES



[400.003.220](#)  
Rotor for 5mL  
Tubes x 18



[400.003.221](#)  
Rotor for 1.5mL/2mL  
Tubes x 24



[400.003.222](#)  
Rotor for 0.2mL/0.5mL  
Tubes x 36



[400.003.223](#)  
Rotor for 0.2mL PCR Strip  
of 8 x 4



[400.003.252](#)  
Adapter for Rotor 0.2mL  
Tubes (for 400.003.222)



[400.003.065](#)  
Adapter for Rotor 0.2mL  
Tubes (for 400.003.221)



[400.003.066](#)  
Adapter for Rotor 0.5mL  
Tubes (for 400.003.221)



[650.550.305](#)  
Tube 0.5mL



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL

# Clinical & Clinical E



These clinical centrifuges are compact and reliable units designed for clinical laboratories. Rotors can be configured to spin multiple tube types and a short run time function allows for quick spin downs. Safety features include automatic lid-locking, over speed/temperature detection as well as automatic internal diagnosis.

They are ideal for separation of whole blood components, such as serum, plasma, red blood cells, as well as other bodily fluids.

The **Clinical Centrifuge** offers higher speed, more power as well as more versatile tube capacities.

The **Clinical E Centrifuge** allows for larger tube volumes as well as two-step braking times for more controlled deceleration.



400.003.300

## FEATURES + BENEFITS

- Rotor can be configured to spin multiple tube types
- Gentle braking at low speeds ensures efficient separation
- Parameters can be altered once desired speed is reached
- Short spin function, by holding the PULSE button
- Speed switch (RPM/RCF)
- LCD display
- Automatic lid-lock
- Over speed detection
- Over temperature detection
- Automatic internal diagnosis
- Maintenance-free DC brushless motor
- Sound alert function
- Short run time function



## OPERATION



400.003.301

## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	CLINICAL	CLINICAL E
PRODUCT CODE	<a href="#">400.003.300</a>	<a href="#">400.003.301</a>
MAX. SPEED	4,500rpm	4,000rpm
SPEED RANGE	300 to 4,500rpm (100rpm increments)	300 to 4,000rpm (100rpm increments)
MAX. RCF	2,490 x G	1,800 x G
SPEED ACCURACY	±20rpm	
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes	
DRIVING MOTOR	DC brushless motor	
DISPLAY	LCD	
DOOR INTERLOCK	Yes	
OVER SPEED DETECTION	Yes	
OVER TEMPERATURE DETECTION	Yes	
AUTOMATIC INTERNAL DIAGNOSIS	Yes	
ACCELERATION TIME	20 seconds	
DECELERATION TIME	13 seconds	20 / 90 seconds
POWER	240V/60Hz	
NOISE LEVEL	≤56dB	
DIMENSIONS (WxDxH)	354 x 304 x 215mm	
WEIGHT	6kg	

### Clinical

#### Supplied with:

Tube Rotor  
(400.003.309)

- Suitable for tubes:
- 8 x 15mL centrifuge tubes;
- 12 x 1.5mL\* / 2mL\* / 4mL\* / 5mL\* / 7mL\* / 8.5mL\* / 10mL vacutainer (blood collection) tubes
- \*Adapters supplied (400.003.311 & 400.003.312)



### Clinical E

#### Supplied with:

Tube Rotor  
(400.003.308)

- Suitable for tubes:
- 6 x 15 / 50mL



# Clinical



## ACCESSORIES



### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.300</a>	Centrifuge Clinical	Each
<a href="#">400.003.309</a>	Rotor only for Clinical Centrifuge for 15mL Tubes x 8	Each
<a href="#">400.003.311</a>	Adapter for Rotor 400.003.309 only - to suit various size tubes	PK12
<a href="#">400.003.312</a>	Adapter for Rotor 400.003.309 only - to suit various size tubes	PK12
<a href="#">650.550.320</a>	Tube 1.5mL	PK1,000
<a href="#">650.550.336</a>	Tube 2mL	PK500
<a href="#">650.550.015</a>	Tube 15mL PP	PK500
<a href="#">650.550.215</a>	Tube 15mL PP Racked	PK500

### Rotor Capacity

TUBE	TUBE QTY	DIMENSIONS (DIA. x L)	ADAPTERS	MAX. SPEED	MAX. RCF
15mL Conical Bottom	8	17 x 120mm	-	4,500rpm	2,490xG
1.5mL - 5mL	12	13 x 82mm	400.003.311 400.003.312	4,500rpm	2,218xG
4-7mL Vacutainers	12	13 x 106mm	400.003.311	4,500rpm	2,490xG
4-7mL Vacutainers	12	16 x 75mm	400.003.311 400.003.312	4,500rpm	2,218xG
8.5-10mL Vacutainers	12	16 x 107mm	400.003.311	4,500rpm	2,490xG
2.7-3mL Collection Tubes	12	11 x 66mm	400.003.311 400.003.312	4,500rpm	2,218xG
7.5-8.2mL Collection Tubes	12	15 x 92mm	400.003.311	4,500rpm	2,490xG

### For Clinical:



[400.003.309](#)  
Rotor for Clinical Centrifuge  
400.003.300 only



[400.003.311](#)  
Adapter for Rotor  
400.003.309 only



[400.003.312](#)  
Adapter for Rotor  
400.003.309 only



[650.550.320](#)  
Tube 1.5mL



[650.550.336](#)  
Tube 2mL



[650.550.015](#)  
Tube 15mL PP



[650.550.215](#)  
Tube 15mL PP Racked

### For Clinical E:



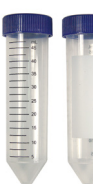
[400.003.308](#)  
Rotor for Clinical E Centrifuge  
400.003.301 only



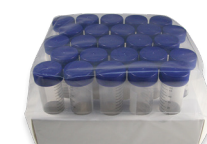
[650.550.015](#)  
Tube 15mL PP



[650.550.215](#)  
Tube 15mL PP Racked



[650.550.050](#)  
Tube 50mL PP



[650.550.250](#)  
Tube 50mL Racked

# Clinical E



### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.301</a>	Centrifuge Clinical E	Each
<a href="#">400.003.308</a>	Rotor only for Clinical E Centrifuge for 15mL & 50mL Tubes x 6	Each
<a href="#">650.550.015</a>	Tube 15mL PP	PK500
<a href="#">650.550.215</a>	Tube 15mL PP Racked	PK500
<a href="#">650.550.050</a>	Tube 50mL PP	PK500
<a href="#">650.550.250</a>	Tube 50mL Racked	PK500

# Haematocrit

The Haematocrit Centrifuge is designed for quick and efficient separation of blood samples in capillary tubes. Compact and reliable, it combines high-speed performance with user-friendly controls and a clear LCD display.

Safety features include automatic lid-lock, over speed/temperature detection, automatic internal diagnosis and rotor identification.

Ideal for routine clinical, medical and research laboratory applications.

## FEATURES + BENEFITS

- Supplied with haematocrit tube rotor
- LCD display
- Automatic lid-lock
- Over speed detection
- Over temperature detection
- Automatic internal diagnosis
- Automatic rotor identification
- Maintenance-free DC brushless motor
- Sound alert function
- Short run time function



## OPERATION



## TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DESCRIPTION
MAX. SPEED	12,000rpm
SPEED RANGE	200 to 12,000rpm (10rpm increments)
MAX. RCF	13,680 x G
SPEED ACCURACY	±20rpm
RUN TIME	Continuous; Timer: 30 seconds - 99 minutes
DRIVING MOTOR	DC brushless motor
DISPLAY	LCD
DOOR INTERLOCK	Yes
OVER SPEED DETECTION	Yes
OVER TEMPERATURE DETECTION	Yes
AUTOMATIC INTERNAL DIAGNOSIS	Yes
AUTOMATIC ROTOR IDENTIFICATION	Yes
POWER	240V/60Hz
NOISE LEVEL	≤60dB
ACCELERATION TIME	30 seconds
DECELERATION TIME	30 seconds
DIMENSIONS (WxDxH)	280 x 364 x 274mm
WEIGHT	10.5kg

### Supplied with:

Tube Rotor  
(400.003.110)

- Suitable for 24 Capillary Tubes



## ACCESSORIES



[400.003.110](#)  
Rotor for Capillary Tubes x 24

### Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
<a href="#">400.003.100</a>	Centrifuge Haematocrit	Each
<a href="#">400.003.110</a>	Rotor for Capillary Tubes x 24	Each



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