

Pro Analytical Small Centrifuge

Clinical, Laboratory & Research Applications



Introducing Hawksley & Sons

Continuing the proud legacy of British centrifuge manufacturing, Hawksley is now the official manufacturer of Centurion Scientific centrifuges.

Founded in 1869, Hawksley has supplied British laboratories with trusted medical equipment and consumables for over 150 years. In an industry dominated by multinational corporations, we are proud to remain a small, independent business – committed to craftsmanship, service, and long-term reliability.

Across seven generations, Hawksley & Sons has pioneered new technologies, contributed to global medical device innovation, and supported scientists, surgeons, and medical professionals around the world. Our mission is simple and enduring: to deliver quality, reliability, and innovation across our three core specialisms – centrifugation, andrology & fertility, and laboratory glassware and counting chambers.

We have been manufacturing centrifuges since the 1950s, with iconic models such as the Haematospin 1400 and the Vetspin Duo remaining widely used and trusted today. With more than 80 years of centrifugation expertise passed down through generations, we are excited to carry forward – and elevate – the Centurion name.



Welcome to the Small Centrifuge Range

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Pro Analytical Centrifuge Features

The Pro-Analytical range is a collection of sleek and durable centrifuges that fit into any laboratory or clinical setting. These machines are made with premium components and are constructed to the highest standard, all from our UK manufacturing facility. All Centurion centrifuges come with a 2-year warranty.

Centurion Scientific Ltd Centrifuges comply to all relevant EU standards of quality and medical devices IEC 61010 and CE conformity test marks emission, immunity to EN/IEC 61326-1, Class B.

User features	Advantages
Rotor recognition	Safe selection of rotors
10 acceleration rates & 10 deceleration rates	Sample assistance
99 program memory	Multi department & Users
Timer 0-9 Hours & Hold in 30 second increments	Total flexibility
Pulse short run	Fast pelleting
Run in speed (RPM) or RCF (g) in 10 increments	Accuracy
Orientation acceleration rate	Prevents initial sample side deposits
Sound <60db (rotor dependent)	Quiet

Standard Features	Advantages
Extra thick stainless steel bowl	Easy clean & rust free
Port to lid	Tachometer speed certification
Aluminium sides and Steel Barrier ring	Strong, light & quiet
World leading industrial grade inverter	Reliability & strength
Best quality European brushless motor	Quiet, cool & reliable
High technology airflow	Cooler running



CE marked and ISO 9001

Centurion Scientific centrifuges are engineered to meet the highest safety standards. Each unit incorporates critical features such as a double-lid locking system and automatic imbalance detection, ensuring reliable performance and consistent sample integrity across every use.

Safety Features	Advantages
Multi point lid locking	Lid safety
Emergency lid release	Power failure release
Lid spring strut	Lid dropping safety
Imbalance detection	To run, lid must be shut
Overspeed sensor	Safe detection of speed
Set inverter values	Electronic safety of speed
Barrier ring	Safety protection of chamber
Motor overheat sensor	Safe motor protection

Key Features



High stability
with RCF and
RPM



Digital
Display &
LCD



Long-lasting and
maintenance-free with
brushless motor
technology



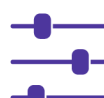
Rotor
versatility for
any program



Quiet run
(under 60db)



Always safe with
imbalance
detection



10 RPM/RCF
precision



Orientation
acceleration
rate



Multi point lid
locking



99 program
memory



CE marked and ISO 9001

LED vs LCD Screens

Centurion centrifuges are available with two display options, LED and LCD, allowing you to choose the interface that best suits your laboratory needs.

LED Screen

The LED displays provide a bright, high-contrast readout for quick and clear visibility of essential operating parameters. They offer simple, reliable control of speed, time, and temperature, with low power consumption and long-term durability. This makes the LED option ideal for routine, everyday centrifugation tasks.



LCD Screen

The LCD option features a modern touchscreen interface, offering intuitive navigation and the ability to view multiple parameters at once. This display includes additional functionality, allowing more precise control based on relative centrifugal force over time. With a wide viewing angle and responsive touch operation, the LCD screen is well suited to applications requiring higher accuracy, flexibility, and more advanced programming. See overleaf for further information



LCD Touchscreen Features

ω^2t (W2t) Centrifugation.

The term ω^2t (W2t) centrifugation refers to the use of a built-in integrator in a centrifuge that calculates the accumulated centrifugal effect during a run, allowing for highly reproducible separations across different machines or runs. This method is standard in ultracentrifuges and available in some high-end research centrifuges.

Understanding the Concept

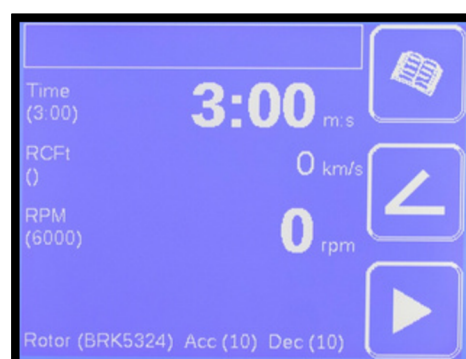
- ω (omega) represents the angular velocity (rotor speed in radians per second), and t represents the run time.
- The ω^2t integrator calculates the integral of the squared rotor speed over time, resulting in a single value representing the total centrifugal force applied to the sample.
- This is a significant advantage because it allows the run time to be automatically adjusted to compensate for any variations in rotor speed, ensuring the sample receives the exact same separation force in every run, even if the centrifuge takes slightly longer to reach speed or experiences minor fluctuations.
- The units of ω^2t are typically radians squared per second (rad^2/s), and the values are large, often in the order of millions or billions, displayed in exponential notation.

Use in Research and Industry

W2t control is a valuable feature, particularly in sensitive research, pharmaceutical, and clinical applications where precise and consistent results are paramount. While many standard centrifuges operate using user-defined speed (RPM or RCF/G-force) and time, W2t control offers superior reliability for achieving identical pelleting or separation results time after time.

Centurion's LCD centrifuges utilise this methodology, naming it RCFt.

RCFt displayed on
touchscreen



Refrigerated Models - Guaranteed Control

Accurate cooling using less power.

Alongside our ambient models, Centurion offers an extensive range of refrigerated centrifuges, designed to deliver optimal temperature control. Each unit provides a PID controlled temperature range of -10°C to 40°C , accurate to $\pm 1^{\circ}\text{C}$, ensuring exceptional stability and superior control compared with alternative systems.

How?

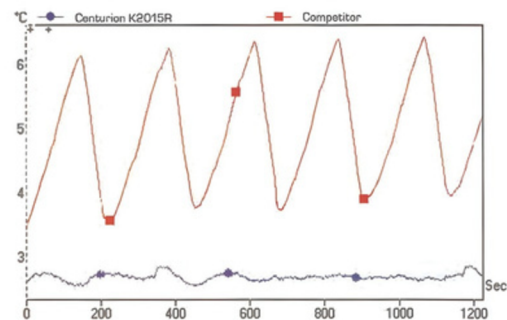
Centurion Scientific keep the compressor running constantly, a unique method which increases compressor life and drastically reduces power use. Constantly turning a compressor on and off causes unequal power surges, and results in poor temperature control.

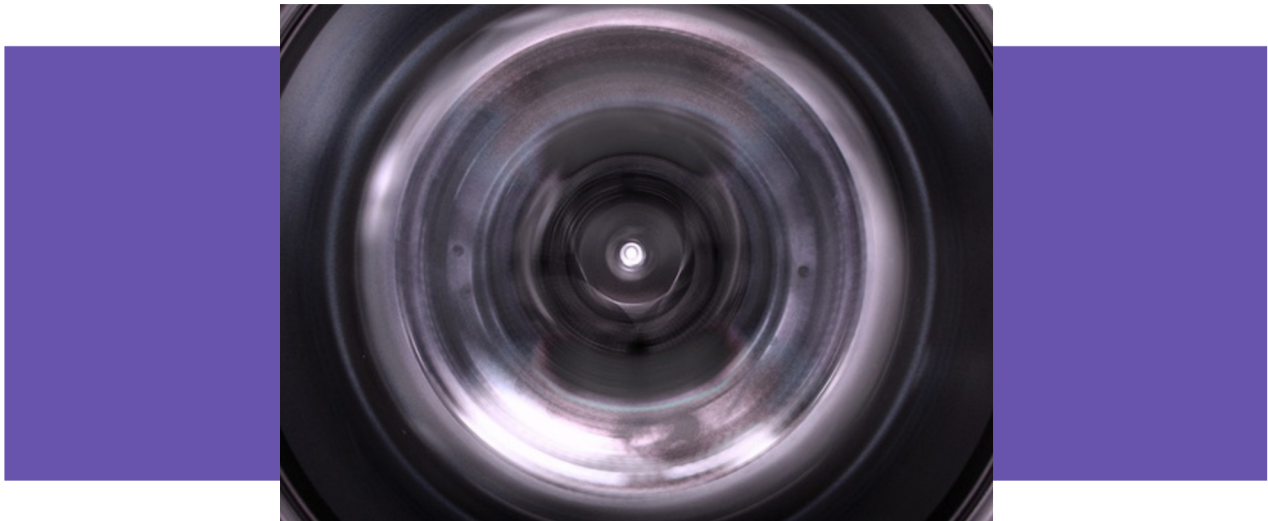
Why?

When taking a shower, you wouldn't stand in cold water, and then hot water to regulate the temperature. Instead, you use both hot and cold to get the right temperature. We apply this theory to refrigerated centrifugation. By using both hot and cold simultaneously, we easily 'balance' the set temperature.

Pro

The graph here displays the differences between two compressor types. Centurion is set at 3°C and the competitor at 4°C to differentiate between the data. As you can clearly see, our system has a much higher degree of control and consistency than the other.





Servicing & Centrifuge Care

Why does my centrifuge need servicing?

A yearly service validates your warranty. As with any appliance you purchase, servicing extends the lifetime of the product and negates the need for constant replacements, which in turn saves you money.

We appreciate that a centrifuge is an essential component of a laboratory, and that downtime is therefore not acceptable. However, if it is regularly maintained, you extend its life significantly.

For products sold outside of the UK, all our distributors have received training and authority to service our centrifuges. Centrifuges can be dangerous. Although Centurion Scientific manufacture exceptionally safe machines, if a rotor lid or seals are not replaced regularly, this can lead to breakage and severe damage further down the line. Servicing of our Centrifuges is also a requirement to validate your warranty with authorised distributors and Centurion to be used only.

Please be sure to contact the sales team for servicing pricing and further information.

[Service & Support Page](#)

LED SMALL CENTRIFUGES TO 0.5L MAX

Centurion's Small Centrifuges accommodate up to 0.5 L of samples, offering greater flexibility than the micro range. Rotors are purchased separately, providing full versatility to support a wide range of sample sizes.



Small LED Ambient Centrifuge

RPM	Up to 15,000 RPM (10 RPM steps)
RCF Max	10 - 22,000
Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	350 x 475 x 337mm
Weight	26 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Ambient LED Model

C-SMALL 230V 50/60Hz (previously C2000)

C-1.SMALL 110V 50/60Hz (previously 1.C2000)

Alternative plug types available.



Small LED Refrigerated Centrifuge

RPM	15,000 RPM max (10 RPM steps)
RCF Max	10 - 22,000
Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	435 x 660 x 337mm
Weight	60 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs
Temp. Range	-10 to 40°C

PART NUMBERS Refrigerated LED Model

C-SMALL.R 230V 50/60Hz (previously C2000R)

C-1.SMALL.R 110V 60Hz (previously 1.C2000R)

Alternative plug types available.

LCD SMALL CENTRIFUGES TO 0.5L MAX

Centurion also offers the small centrifuges with an LCD touchscreen, with W2t control for sensitive research applications. These centrifuges also accommodate up to 0.5 L of samples, offering greater flexibility than the micro range. Rotors are purchased separately, providing full versatility to support a wide range of sample sizes.

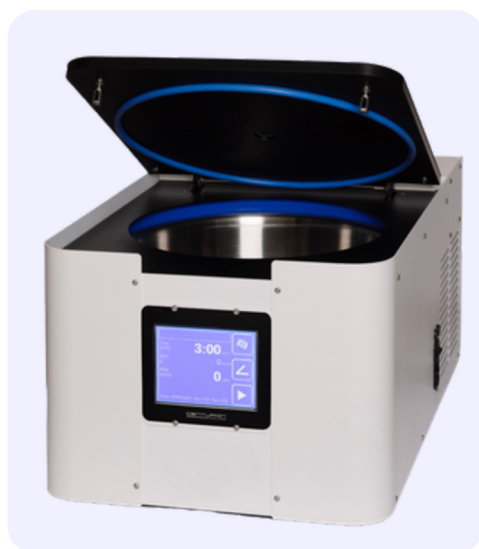


Small LCD Ambient Centrifuge

RPM	Up to 15,000 RPM (10 RPM steps)
RCF Max	10 - 22,000
Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	350 x 475 x 337mm
Weight	26 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Ambient LCD Model

C-SMALL-LCD 230V 50/60Hz (previously K2015)
C-1.SMALL-LCD 110V 50/60Hz (previously 1.K2015)
Alternative plug types available.



Small LCD Refrigerated Centrifuge

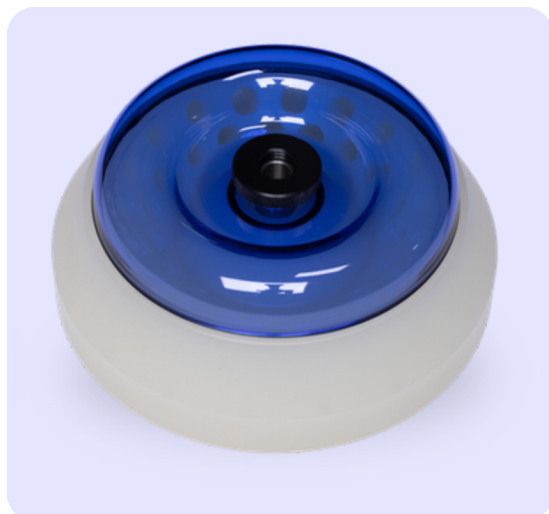
RPM	15,000 RPM max (10 RPM steps)
RCF Max	10 - 22,000
Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	435 x 660 x 337mm
Weight	60 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs
Temp Range	-10 to 40°C

PART NUMBERS Refrigerated LCD Model

C-SMALL.R-LCD 230V 50/60Hz (previously K2015R)
C-1.SMALL.R-LCD 110V 60Hz (previously 1.K2015R)
Alternative plug types available.

MICROTUBE ROTORS

The Microtube Rotors are designed for the centrifugation of smaller sample sizes ranging from 0.5 ml to 2 ml, as well as PCR strips. They offer a maximum speed of 22,000 RCF, programmable in 10 RCF increments for precise control.



C-R-FA5463 with included sealed lid.



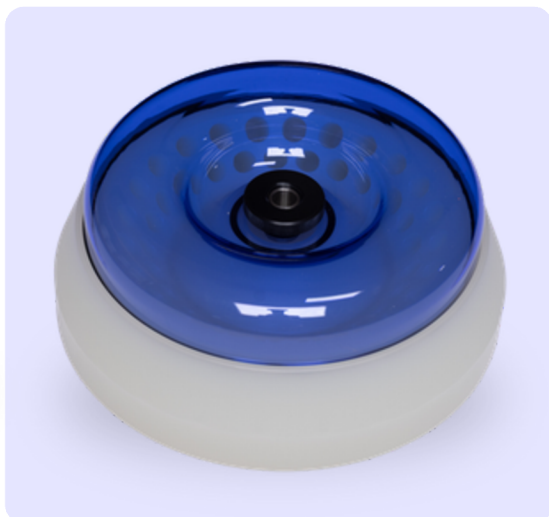
C-R-FA5463 without included sealed lid.

Rotor	C-R-FA5424	C-R-FA5494	C-R-FA5448	C-R-FA5436	C-R-FA5463
Rotor Type	24 x 2.0ml	36 x 0.5ml	48 x 0.2 to 0.4ml	4 x PCR Strips	36 x 2.2ml
Tube Size Max	11 x 40mm	8 x 30mm	6 x 40mm	6 x 40mm	11 x 50mm
RCF Range (g)	10-22,000	10-22,000	10-22,000	10-22,000	10-22,000
Maximum RPM	15,000	15,000	15,000	15,000	15,000
Max Radius (cms)	8.75cms	8.75cms	8.75cms	8.75cms	8.75cms
Sample Tube angle °	45	45	45	45	45
Acceleration Time (secs)	15	15	15	15	15
Deceleration Time (secs)	15	15	15	15	15
Min Temp @ Max Speed	4°C	4°C	4°C	4°C	4°C
Available Reducers	RS04, RS05	N/A	N/A	N/A	RS04, RS05
Sealed Lid Included?	Yes	Yes	Yes	Yes	Yes
Spare Lid Part No.	C-RL-1440	C-RL-1440	N/A	C-RL-1440	C-RL-1440
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)	121°C (10)	121°C (10)

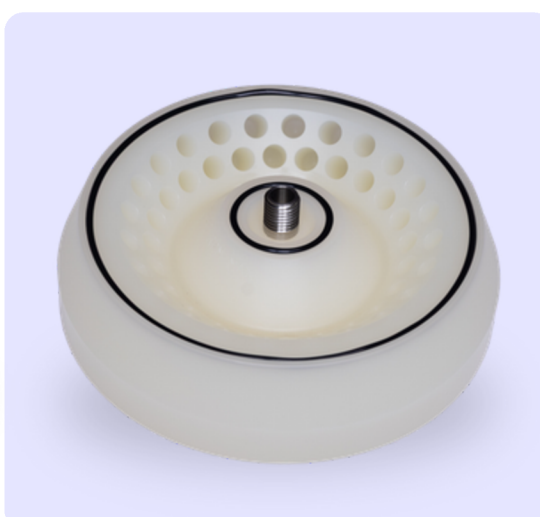
Reducers	C-RC-RS04	C-RC-RS05
Capacity (ml):	0.2-0.4ml 	0.5ml 
Tube Size Max:	6 x 30mm	8 x 30mm

HIGH CAPACITY MICROTUBE ROTORS

The High-Capacity Microtube Rotors are designed for users who need to centrifuge 0.5 ml, 2.2ml and PCR strips at increased volume. They offer a maximum speed of 10,500 RCF, programmable in 10 RCF increments for precise control.



C-R-FA5348 with included sealed lid.

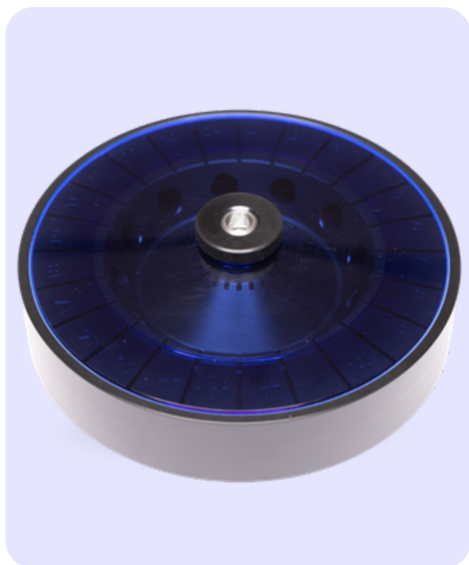


C-R-FA5348 without included sealed lid.

Rotor	C-R-FA5348	C-R-FA5349	C-R-FA5398
Rotor Type	48 x 2.2ml	24 x 2.2 & 24 x 0.5ml	8 x PCR Strips
Tube Size Max	11 x 40mm	11x50 & 6x30mm	6 x 40mm
RCF Range (g)	10-10,500	10-10,500	10-10,500
Maximum RPM	10,000	10,000	10,000
Max Radius (cms)	9.45cms	9.45cms	9.45cms
Sample Tube Angle °	45	45	30
Acceleration Time (secs)	20	20	20
Deceleration Time (secs)	20	20	20
Min Temp @ Max Speed	0°C	0°C	0°C
Sealed Lid Included?	Yes	Yes	Yes
Spare Lid Part No.	C-RL-1720	C-RL-1720	C-RL-1720
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)

HAEMATOCRIT & MICROTUBE ROTOR

The Haematocrit and Microtube Rotor spins capillary tubes and 2 ml tubes, offering maximum flexibility without the need to change rotors. It provides a maximum force of 15,800 RCF, programmable in 10 RCF increments for full control and versatility.



C-R-FA5401 with included sealed lid.

Rotor	C-R-FA5401
Rotor Type	24 x capillary & 12 x 2ml
Tube Size	2 x 75mm & 11 x 40mm
RCF Range	10-15,800
Maximum RPM	13,000
Max Radius (cms)	8.4
Sample Tube Angle °	0 & 60
Acceleration Time (secs)	25
Deceleration Time (secs)	25
Min. Temp @ Max Speed	0°C
Reducers Available	C-RC-RS04, C-RC-RS05
Sealed Lid Included?	Yes
Spare Lid Part No.	C-RL-5401
Autoclavable (frequency)	121°C (10)

Reducers - Pack of 4	C-RC-RS04		C-RC-RS05	
Capacity (ml):	0.2-0.4ml		0.5ml	
Tube Size Max:	6 x 30mm		8 x 30mm	

CONSUMABLES

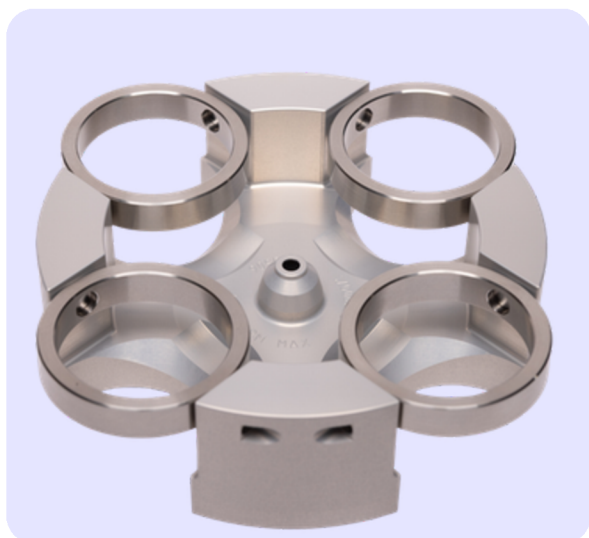
Part Number	Description
01604-00	Plain Capillary tubes pack 10 x 100
01603-00	Heparanised Capillary tubes pack 10 x 100
01503-00	Sealing Clay Pk 10
C-P-8011	Rim seal Gasket Pk 10 - Replace regularly every 2 months

ACCESSORIES

Part Number	Description
01502-00	PCV Reader

4 PLACE SWING OUT ROTOR

For larger-volume samples where cell viability is critical, Centurion recommends the four-place swing-out rotor. It accommodates up to 4 × 125 ml tubes, with a maximum total capacity of 500 ml, and can spin up to 2,200 RCF.



C-R-SO5506 with included rings.



C-R-SO5506 with included rings and example adaptor sold separately.

Rotor	C-R-SO5506
Tube Size Max	48 x 98mm
RCF Range (g)	10-2,200 RCF
Maximum RPM	4000 RPM
Maximum Radius (cms)	12.3 cm
Sample Tube Angle °	0
Acceleration Time (secs)	30
Deceleration Time (secs)	30
Min. Temp @ Max Speed	0°C
Sealed Lid Included?	No
Spare Lid Part No.	C-BL-B5519
Autoclavable (frequency)	121°C (10)

Centurion offers a wide range of adaptors for the C-R-SO5506 rotor, compatible with different tube types, shapes, and sizes. Purchase of these adaptors is required for this rotor. Please refer to the following page to select the most suitable adaptors for your needs.

ADAPTORS FOR C-R-SO5506

Tube Type: Micro with Cap. Shape: Point

Capacity	Size (mm)	Part Number	Historic Part No.	Tubes per Rotor
0.2ml	6 x 20	C-A-AM402-5	AM402-5	96
0.4ml	6 x 30	C-A-AM404-5	AM404-5	96
0.5ml	8 x 20	C-A-AM405-5	AM405-5	52
1.5ml	11 x 38	C-A-AM420-5	AM420-5	36
2.0ml	11 x 38	C-A-AM420-5	AM420-5	36

Tube Type: Plain no Cap. Shape: Round

1ml	6 x 45	C-A-AR401-5	AR401-5	36
3ml	10 x 60	C-A-AR403-5	AR403-5	28
5ml	12 x 75	C-A-AR405-5	AR405-5	20
6ml	12 x 82	C-A-AR406-5	AR406-5	20
7ml	12 x 100	C-A-AR407-5	AR407-5	20
9/10ml	14 x 100	C-A-AR409-5	AR409-5	20
15ml	17 x 100	C-A-AR415-5	AR415-5	16
25ml	24 x 100	C-A-AR425-5	AR425-5	12
50ml	34 x 100	C-A-AR450-5	AR450-5	4
100ml	45 x 100	C-A-AR4100-5	AR4100-5	4
125ml	52 x 100	C-A-AR4125-5	AR4125-5	4

Tube Type: Falcon with cap. Shape: Point

15ml	17 x 120	C-A-AF415-5	AF415-5	4
50ml	29 x 115	C-A-AF450-5	AF450-5	4

Tube Type: Falcon with Cap. Shape: Square

12ml	17 x 100	C-A-AFS412-5	AFS412-5	8
15ml	17 x 120	C-A-AFS415-5	AFS415-5	4
25ml	25 x 90	C-A-AFS425-5	AFS425-5	4
30ml	25 x 110	C-A-AFS430-5	AFS430-5	4
50ml	29 x 115	C-A-AFS450-5	AFS4100-5	4

Tube Type: Nalgene. Oakridge with Cap. Shape: Round

10ml	17 x 80	C-A-ANO410-5	ANO410-5	12
30ml	26 x 95	C-A-ANO430-5	ANO430-5	4
50ml	29 x 107	C-A-ANO450-5	ANO450-5	4
100ml	38 x 114	C-A-ANO485-5	ANO485-5	4

Tube Type: Monovette. Shape: Square

1.1-1.4ml	8 x 82	C-A-AM4014-5	AM4014-5	40
2.7-3ml	11 x 82	C-A-AM403-5	AM403-5	40
2.6-2.9ml	13 x 81	C-A-AM429-5	AM429-5	28
4.5-5ml	11 x 108	C-A-AM445-5	AM445-5	32
4.5-5ml	15 x 92	C-A-AM450-5	AM450-5	20
7.5-8.2ml	13 x 106	C-A-AM479-5	AM479-5	24
9-10ml	16 x 108	C-A-AM490-5	AM490-5	16

Tube Type: Vacutainer. Shape: Round

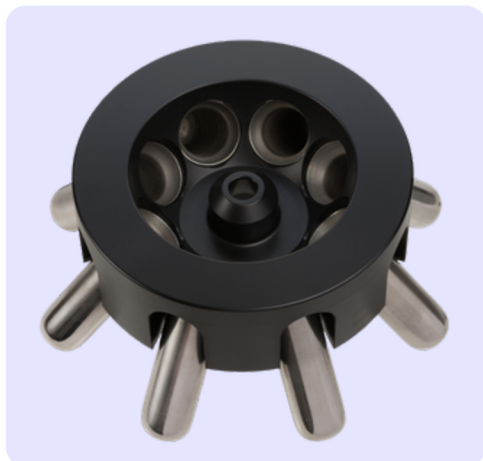
1.6-5ml	13 x 82	C-A-AV416-5	AV416-5	24
4-7ml	13 x 106	C-A-AV450-5	AV450-5	24
7-9ml	15 x 92	C-A-AV470-5	AV470-5	20
8.5-10ml	16 x 108	C-A-AV480-5	AV480-5	16

Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	C-A-AV416-5	AV416-5	24
4-7ml	13 x 106	C-A-AV450-5	AV450-5	24
7-9ml	15 x 92	C-A-AV470-5	AV470-5	20
8.5-10ml	16 x 108	C-A-AV480-5	AV480-5	16

8 PLACE SWING OUT ROTOR

For small samples requiring maximum cell viability, the eight-place swing-out rotor is an excellent choice and can be combined with reducers to suit on your capacity requirements.



C-R-SO5508 with C-B-1087 buckets, sold separately.

C-R-SO5508 Rotor

Capacity	8 x 10ml
Tube size	17 x 100mm max
RCF Range (g)	10-2,150
Maximum RPM	4,000
Max Radius (cms)	12.3
Sample Tube angle °	0
Acceleration Time (secs)	15
Deceleration Time (secs)	15
Min. Temp @ Max Speed	0°C
Buckets Required	C-B-1087
Autoclavable (frequency)	121°C (10)

REDUCERS - SET OF 4

Please find our range of reducers, compatible with the C-B-1087 buckets.

Tube Type: Micro with Cap. Shape: Point

Capacity	Size (mm)	Part Number	Historic Part No.	Tubes per Rotor
0.2ml	6 x 20	C-RC-5508A & C-RC-5508E	R8.620	1000
0.4ml	6 x 30	C-RC-5508A & C-RC-5508E	R8.630	1180
0.5ml	8 x 20	C-RC-5508B & C-RC-5508E	R8.820	1000
1.5ml	11 x 38	C-RC-5508E	R8.1138	1325
2.0ml	11 x 38	C-RC-5508E	R8.1138	1325



Tube Type: Plain no Cap. Shape: Round

5ml	12 x 75	C-RC-5508E	R8.645	1500
6ml	12 x 82	C-RC-5508E	R8.1060	1500
7ml	12 x 100	C-RC-5508G	R8.1275	1825
9-10ml	14 x 100	C-RC-5508H	R8.1282	1825
10ml	17 x 100	NOT REQUIRED	R8.12100	2150
15ml	15 x 80	C-RC-5508F	R8.17100	1470



Tube Type: Nalgene, Oakridge with cap. Shape: Round

10ml	15 x 80	C-RC-5508D	R8.1580	1500
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Tube Type: Monovette. Shape: Square

1.1-1.4ml	8 x 82	C-RC-5508B & C-RC-5508E	R8.882	1700
2.7-3ml	11 x 82	C-RC-5508E	R8.1182	1470
2.6-2.9ml	13 x 81	C-RC-5508F	R8.1381	1470
4.5-5ml	15 x 92	C-RC-5508F	R8.1592	1470



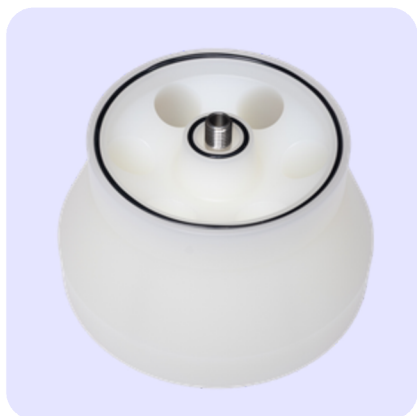
Tube Type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	C-RC-5508E	R8.1382	1470
4-7ml	13 x 106	C-RC-5508H	R8.13106	1825
7-9ml	15 x 92	C-RC-5508F	R8.1592	1470
8.5-10ml	16 x 106	NOT REQUIRED	R8.16108	2150



LOW SPEED FIXED ANGLE ROTORS

Centurion offers five low-speed fixed-angle rotors for the Small Centrifuges, available for 15 ml, 50 ml, or 100 ml sample sizes. All rotors can centrifuge up to 4,800 RCF, or 6,000 RPM.



C-R-FA5406, Optional sealed lid C-RL-5424HD sold separately.



C-R-FA5308 rotor with included sealed lid.



C-R-FA5308 rotor without included sealed lid.

Rotor	C-R-FA5412	C-R-FA5406	C-R-FA5324	C-R-FA5308	C-R-FA5100
Rotor Type	12 x 15ml	6 x 50ml	24 x 15ml	8 x 50ml	6 x 100ml
Tube Size Max	17 x 120mm	30 x 120mm	17 x 120mm	30 x 120mm	38 x 125mm
RCF Range (g)	10 -3,800	10-3,800	10-4,800	10-4,800	10-4,800
Maximum RPM	6,000	6,000	6,000	6,000	6,000
Max Radius (cms)	9.5	9.5	12	12	12
Sample Tube angle °	30	30	35	35	30
Acceleration Time (secs)	25	25	30	30	30
Deceleration Time (secs)	25	25	35	35	35
Min Temp @ Max Speed	4°C	4°C	-6°C	-6°C	-6°C
Available Reducers	RM05, RM10	RM15, RM25	RM05, RM10	RM15, RM25	RM15, RM25, RM50
Sealed Lid Included?	No	No	Yes	Yes	Yes
Spare Lid Part No.	C-RL-1440	C-RL-1440	C-RL-1720	C-RL-1720	C-RL-1720
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)	121°C (10)	121°C (10)

Reducers	C-RC-RM05	C-RC-RM10	C-RC-RM15	C-RC-RM25	C-RC-RM50
Capacity (ml):	5ml	10ml	15ml	25ml	50ml
Tube Size Max:	13 x 80mm	14 x 100mm	17 x 100mm	24 x 100mm	30 x 110mm



HIGH SPEED FIXED ANGLE ROTORS

Centurion offers several high-speed fixed-angle rotors for the Small Centrifuges, available for 10 ml, 15 ml, and 50 ml sample sizes. All rotors have a maximum speed of 9,500 RCF, or 10,000 RPM.



C-R-FA5202 rotor with included sealed lid.



C-R-FA5202 rotor without included sealed lid.

Rotor	C-R-FA5202	C-R-FA5204
Rotor Type	8 x 15ml tube	4 x 50ml tube
Tube Size Max	17 x 120mm	30 x 115mm
RCF Range (g)	10-9,500	10-9,500
Maximum RPM	10,000	10,000
Max Radius (cms)	8.5	8.5
Sample Tube Angle °	60	60
Acceleration Time (secs)	180	180
Deceleration Time (secs)	25	25
Min. Temp @ Max Speed	0°C	0°C
Reducers Available	RM05, RM10	RM15, RM25
Sealed Lid Included?	Yes	Yes
Spare Lid Part No.	C-RL-1440	C-RL-1440
Autoclavable (frequency)	121°C (10)	121°C (10)

Reducers	C-RC-RM05	C-RC-RM10	C-RC-RM15	C-RC-RM25
Capacity (ml):	5ml	10ml	15ml	25ml
Tube Size Max:	13 x 80mm	14 x 100mm	17 x 100mm	24 x 100mm

MICROTITER PLATE ROTOR

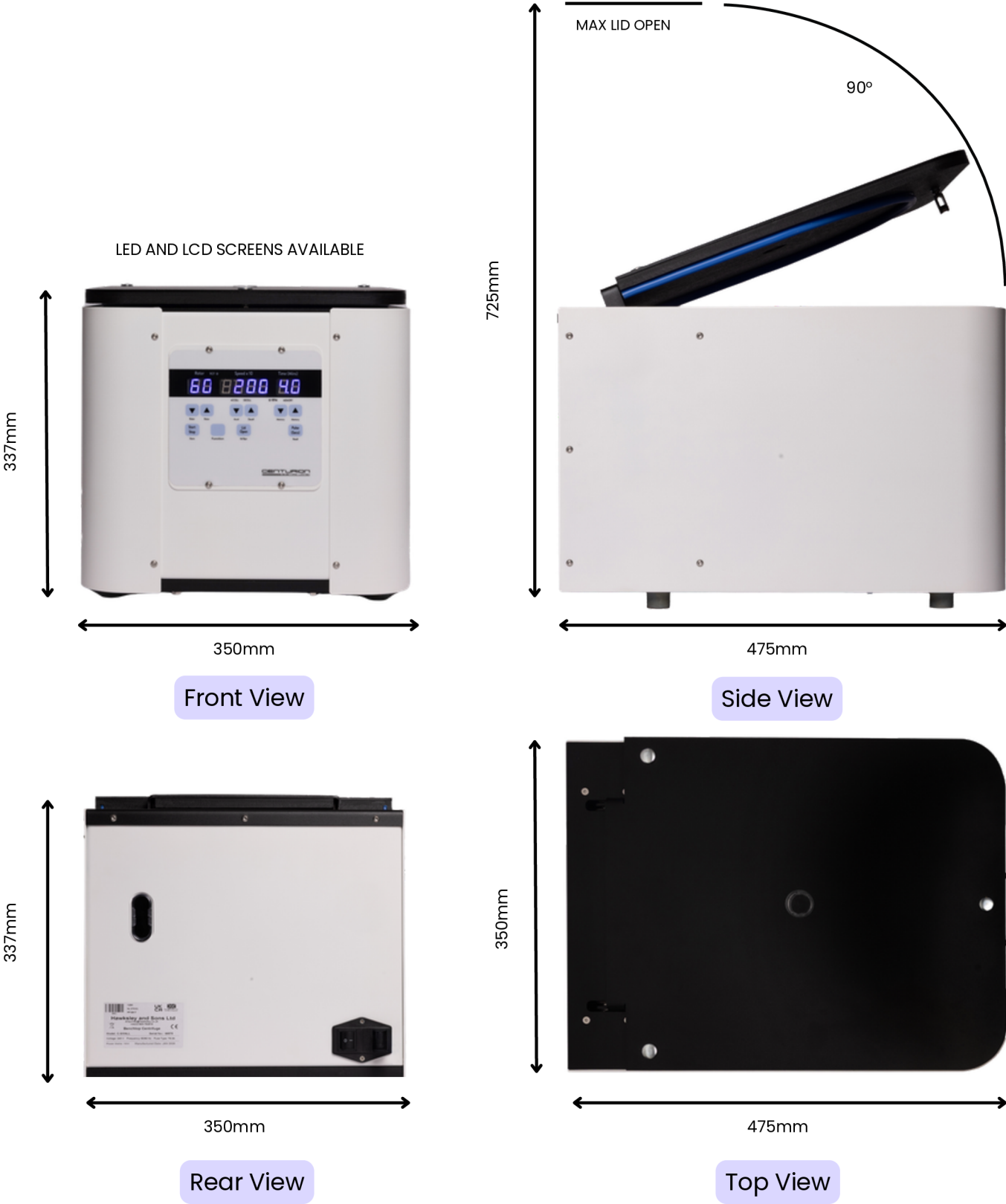
The Microtiter Rotor is a high-performance rotor for microplate centrifugation, ideal for ELISA, PCR, and other assay workflows. It offers rapid spin-down, low vibration, and secure plate clamping for reliable results, while its robust, corrosion-resistant construction ensures long-lasting, safe use in busy laboratories.



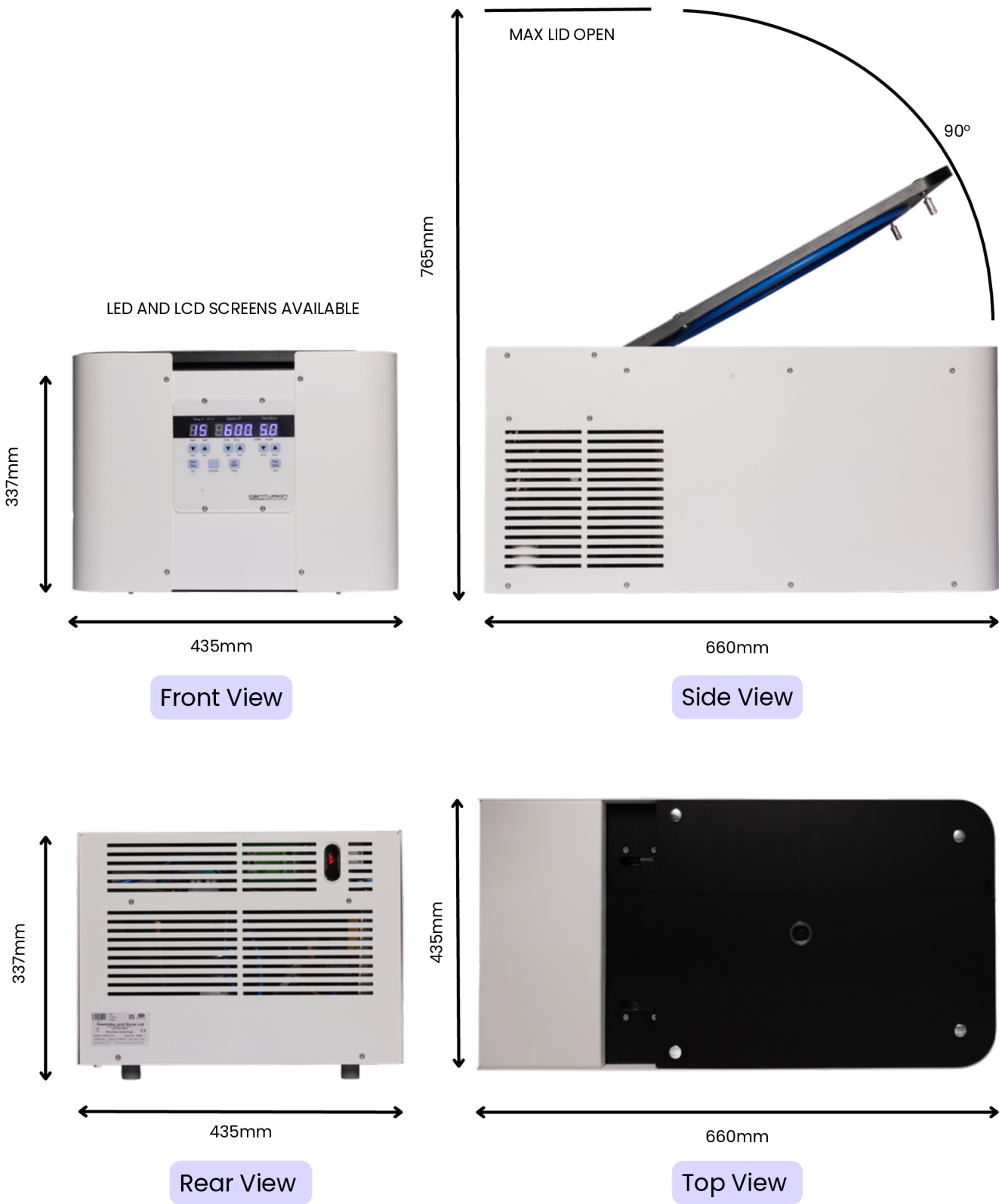
C-R-MT5740 with included buckets.

Rotor	C-R-MT5740
Buckets	Complete with buckets, Available with 4 x STD Plates
Tube Size	85mm x 128mm
RCF Range (g)	10-1700
Maximum RPM	3500
Max Radius (cms)	12.4
Sample Tube Angle °	0°C (10)
Acceleration Time (secs)	25
Deceleration Time (secs)	25
Min. Temp @ Max Speed	0°C
Autoclavable (frequency)	121°C (10)

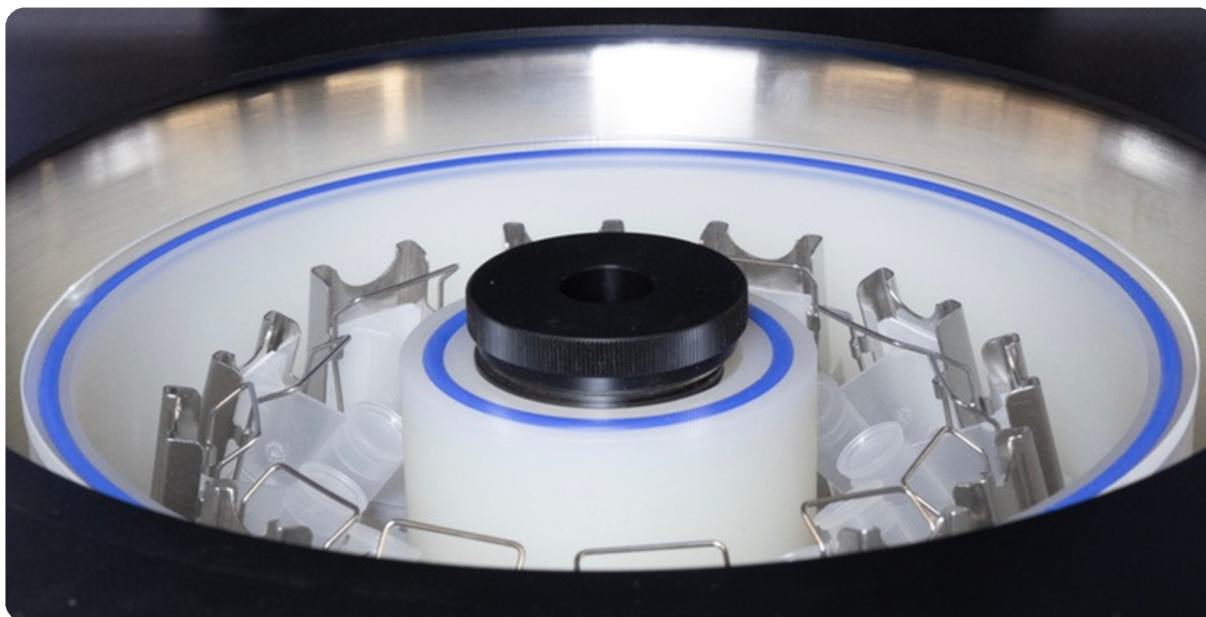
SMALL AMBIENT CENTRIFUGE DIMENSIONS



SMALL REFRIGERATED CENTRIFUGE DIMENSIONS



Cytology & Other Rotor Options



Centurion Scientific also offer a separate comprehensive range of other centrifuges and rotors designed for specialist applications – including Cytology – ensuring consistent, high-quality results across diverse laboratory environments.

Cytology Features

- Specialist 4, 6 and 8-place cytology rotors
- Available in Micro and Small sizes
- 10–530 RCF in 10-step increments
- Range of sample holder accessories
- Starter pack included with purchase
- World leading industrial grade inverter



Centurion Series Available

Discover the complete range of Centurion centrifuges on our website, where you'll find every series presented including technical specifications and rotor options. For dedicated Cytology products, including specialist rotors, sample holders, and starter packs, please visit the link below:

[Cytology Centrifuges](#)

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