

Welcome to the Micro Centrifuge Range

Micro Centrifuges	12-13
Microtube Rotors	14
High Capacity Microtube Rotors	15
Haematocrit & Microtube Rotor	16
Fixed Angle Rotors	17
8 Place Swing Out Rotor	18
Centrifuge Dimensions	19-20

LED MICRO CENTRIFUGES TO 0.2 LITRE MAX

The Micro Centrifuges are an excellent choice when you need a compact, high-quality, versatile, and space-saving centrifuge. Rotors are purchased separately, providing flexibility to accommodate a wide range of sample sizes.



Micro LED Ambient Centrifuge

RPM	15,000 RPM Max (10 RPM steps)
RCF	10 - 22,000
Max Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	254 x 371 x 290mm
Weight	16 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Ambient LED Model

C-MICRO 230V 50/60Hz (previously C1015)

C-1.MICRO 110V 50/60Hz (previously 1.C015)

Alternative plug types available.



Micro LED Refrigerated Centrifuge

RPM	15,000 RPM max (10 RPM steps)
RCF	10-22,000
Max Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	305 x 640 x 312mm
Weight	40 Kg (without rotor)
Power	575 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs
Temp Range	-10°C to 40°C PID controlled to +/- 1C

PART NUMBERS Refrigerated LED Model

C-MICRO.R 230V 50/60Hz (previously C1015R)

C-1.MICRO.R 110V 60Hz (previously 1.C015R)

Alternative plug types available.

LCD MICRO CENTRIFUGES TO 0.2 LITRE MAX

Centurion also offers a touch screen LCD screen with W2t control for sensitive research applications. Rotors are purchased separately, providing full flexibility to accommodate a wide range of sample sizes.



Micro LCD Ambient Centrifuge

RPM	15,000 RPM Max (10 RPM steps)
RCF	10 - 22,000
Max Timer	0-9 hours & Hold (1 sec steps)
Dims (WxDxH)	254 x 371 x 290mm
Weight	16 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Ambient LCD Model

C-MICRO-LCD 230V 50/60Hz (previously K1015)
 C-1.MICRO-LCD 110V 50/60Hz (previously 1.K015)
 Alternative plug types available.



Micro LCD Refrigerated Centrifuge

RPM	15,000 RPM max (10 RPM steps)
RCF	10-22,000
Max Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	305 x 640 x 312mm
Weight	40 Kg (without rotor)
Power	575 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs
Temp Range	-10°C to 40°C PID controlled to +/- 1C

PART NUMBERS Refrigerated LCD Model

C-MICRO.R-LCD 230V 50/60Hz (previously K1015R)
 C-1.MICRO.R-LCD 110V 60Hz (previously 1.K015R)
 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, including PCR strips. They offer a maximum speed of 22,000 RCF, programmable in 10 RCF increments for precise control.



C-R-FA5424 with included sealed lid.



C-R-FA5424 without included sealed lid.

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



HIGH CAPACITY MICROTUBE ROTORS

The High-Capacity Microtube Rotors are designed for users who need to centrifuge 0.5 ml and 2 ml tubes at increased volume. 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.

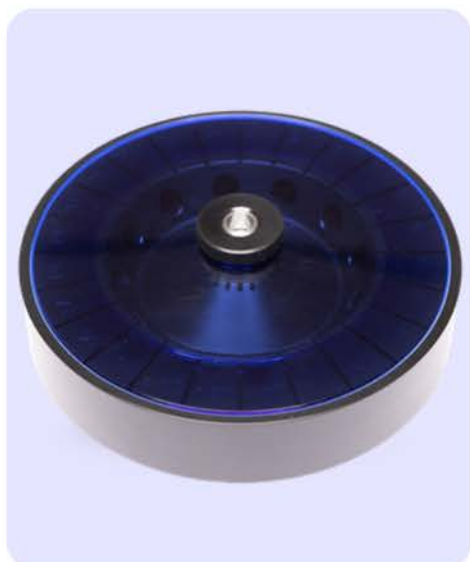
Rotor	C-R-FA5463	C-R-FA5464
Rotor Type	36 x 2.0ml	18 x 2.0 & 18 x 0.5ml
Tube Size Max	11 x 40mm	11x50 & 8x30mm
RCF Range	10-22,000	10-22,000
Maximum RPM	15,000	15,000
Max Radius (cms)	8.75cms	8.75cms
Sample Tube Angle °	45	45
Acceleration Time (secs)	15	15
Deceleration Time (secs)	15	15
Min. Temp @ Max Speed	4°C	4°C
Reducers Available	RS04, RS05	RS04, RS05
Sealed Lid Included?	Yes	Yes
Spare Lid Part No.	C-RL-1440	C-RL-1440
Autoclavable (frequency)	121°C (10)	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



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 - <i>Replace regularly every 2 months</i>

ACCESSORIES

Part Number	Description
01502-00	PCV Reader

FIXED ANGLE ROTORS

Centurion offers a range of fixed-angle rotors to accommodate different sample sizes, from 10 ml up to 50 ml. For smaller volumes, compatible reducers from 5 ml to 25 ml are also available, providing flexibility and accuracy for your clinic.







C-R-FA5408. Optional lid C-RL-1440L sold separately.



C-R-FA5408 with C-RL-1440L lid sold separately

Rotor	C-R-FA5407	C-R-FA5408	C-R-FA5404
Rotor Type	4 x 15ml & 4 x 10ml	8 x 15ml	4 x 50ml
Tube size Max	17 x 120 & 13 x 110mm	17 x 120mm	30 x 115mm
RCF Range	10-6,100	10-3,500	10-3,500
Maximum RPM	8,000	6,000	6,000
Radius max cms	8.5	8.5	8.5
Sample tube angle °	30	30	30
Acceleration time (secs)	25	25	25
Deceleration time (secs)	25	25	25
Min. Temp @ Max Speed	0°C	0°C	0°C
Reducers Available	RM05, RM10	RM05, RM10	RM15, RM25
Sealed Lid Included?	No	No	No
Spare Lid Part No.	C-RL-1440L	C-RL-1440L	C-RL-1440L
Autoclavable (frequency)	121°C (10)	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

8 PLACE SWING OUT ROTOR

For micro samples requiring maximum cell viability, the eight-place swing-out rotor is ideal for small blood samples or 4.5ml general samples. This can be combined with your choice of reducer, depending on capacity requirements.



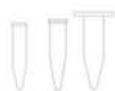
C-R-SO5508 with C-B-1060 buckets sold separately.

Rotor	C-R-SO5508
Capacity	8 x 5ml
Tube Size	13 x 82mm max
RCF Range	10-1,500
Maximum RPM	4,000
Max radius (cms)	8.5
Sample Tube Angle °	0
Acceleration Time (secs)	15
Deceleration Time (secs)	15
Min. Temp @ Max Speed	0°C
Buckets Required	C-B-1060
Autoclavable (frequency)	121°C (10)

REDUCERS - SET OF 4

Please find our range of reducers, compatible with the C-B-1060 buckets.

Tube Type: Micro with Cap. Shape: Point



Capacity	Size. mm	Part Number	Historic Part Number	RCF (g) Max
0.2ml	6x20	C-RC-5508A & C-RC-5508C	RS.620	1000
0.4ml	6x30	C-RC-5508A & C-RC-5508C	RS.630	1180
0.5ml	8x20	C-RC-5508B & C-RC-5508C	RS.820	1000
1.5ml	11x38	C-RC-5508C	RS.1138	1325
2.0ml	11x38	C-RC-5508C	RS.1138	1325



Tube Type: Plain no Cap. Shape: Round

5ml	12x75	C-RC-5508C	RS.1275	1500
6ml	12x82	C-RC-5508C	RS.1282	1500
10ml	15x80	C-RC-5508D	RS.1580	1500



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

10ml	15x80	C-RC-5508D	RS.1580	1500
------	-------	------------	---------	------



Tube Type: Monovette. Shape: Square

1.1-1.4ml	8x82	C-RC-5508B & C-RC-5508C	RU.882	1500
2.7-3ml	11x82	C-RC-5508C	RU.1182	1500
2.6-2.9ml	13x81	C-RC-5508D	RU.1381	1500



Tube Type: Vacutainer. Shape: Round

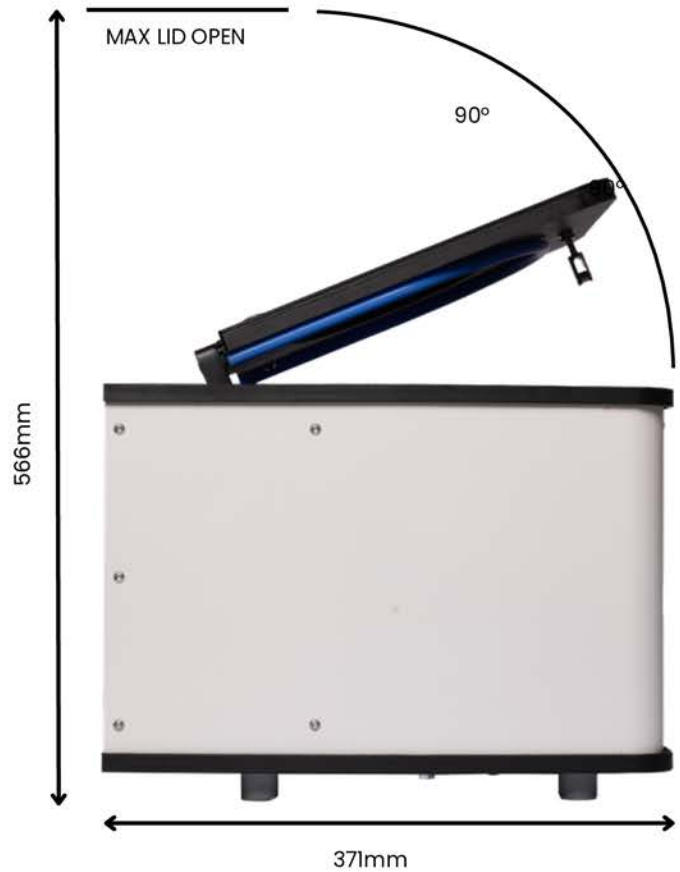
1.6-5ml	13x82	C-RC-5508D	RU.1382	1500
---------	-------	------------	---------	------



MICRO AMBIENT CENTRIFUGE DIMENSIONS



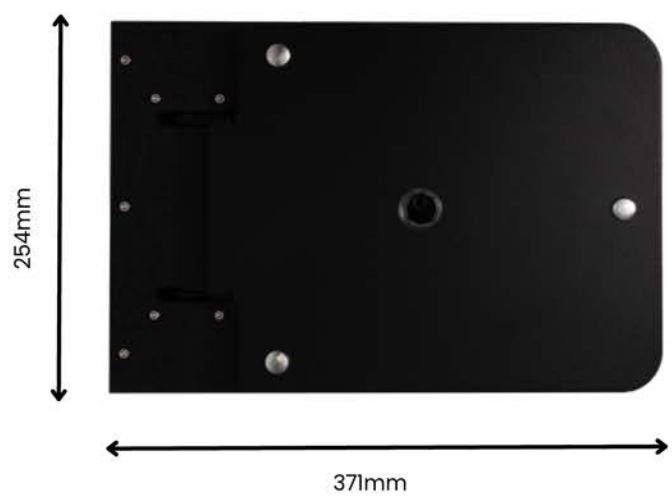
Front View



Side View



Rear View



Top View

MICRO REFRIGERATED CENTRIFUGE DIMENSIONS

