

Medium centrifuge range to 1 Litre

Centrifuges offering multiple rotors for varying applications



Micro tubes, Haematocrit,
Blood, urine, sperm, tubes
Cytology

2022.2

Welcome

to our latest Centrifuge range

Centrifuges focused on the future

Ambient with additional refrigerated versions.

Improved rotors for safer sample use

Additional rotors, fixed angles, high speed fixed angles, swing out and micro.

Fixed angle rotors are now supplied with sealed lids, for ultimate safety.

Swing out rotors also have new sealed lids to increase their capacity.

Next generation components

- Inverter
- Efficient with added power, improved acceleration/deceleration
- **Tachometer/Imbalance**
- Third generation offering improved user flexibility
- **Lid Lock system**
- Superior lid locks for safety and reliability
- **Control Board**
- Easier rotor selection with additional display
- Bluetooth addition allowing latest software updates
- Timer now. 0-99mins, 2, 3, 4, 5, 6, 7, 8, 9, hours & constant

Ambient model

Refrigerated model



Centurion Scientific Ltd Centrifuges comply to all relevant EU standards of quality and medical devices IEC61010 and CE conformity test marks emission, immunity to EN/IEC 61326-1, Class B

PrO-Analytical Centrifuge Features

3

Built to last, these Centrifuges have strong construction yet, offer a sleek modern design that will fit into any modern laboratory.

No compromises on quality, only the best components are used in the manufacturing process.

By working with all our suppliers, our reliability has been retained and improved to give all our range a 2 year warranty as standard.



CE marked and ISO 9001 & 13485

User features to PrO-Analytical series	Advantages
Bright blue LED display	Clarity & ease of use
Rotor recognition	Safe selection of rotors Prime only
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 rpm increments	Accuracy
Orientation acceleration rate	Prevents initial sample side deposits
Sound <60db (rotor dependent)	Quiet

Standard features to PrO-Analytical series	Advantages
Extra thick stainless steel bowl or acrylic	Easy clean & rust free
Port to lid	Tachometer speed certification
Alloy & steel frame (zinc coated)	Strong light & quiet
World leading industrial grade inverter	Reliability & strength
Best quality European brushless motor	Quiet, cool & reliable
High technology airflow (ambient mode)	Cooler running

All centrifuges have user accessible service sections to access all safety parameters

Safety features to PrO-Analytical series	Advantages
Multi point lid locking	Lid safety
Emergency lid release	Power failure release
Lid Spring Strut	Lid dropping safety
Lid lock detection	To run, lid must be shut
Imbalance detection	Eradicates user loading errors
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

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

4 Medium Centrifuges to 1.0Litre max Prime Multi Centrifuge

Dual models

Centrifuge and one rotor combined are shown on pages 20 to 21 (one rotor use only)

Display indicative only



PART NUMBERS

C4000 (230V50/60Hz) 1.C4000 (110V 60Hz) **(Rotor required)** see the following pages

Ambient Centrifuge

Speed	15,000 Rpm max (10 Rpm steps)
Rcf Max	10 - 24,000 G
Timer	0-9hours & Hold (30 sec steps)
Dims HWD	340 x 400 x 520mm
Weight	25.8 Kg (without rotor)
Power	275 Watts
Memory	99 programs
Accel rates	10 programs
Decel rates	10 programs

Display indicative only



PART NUMBERS

C4000R (230V 50/60Hz)
1.C4000R (110V 60 Hz)

Refrigerated Centrifuge

Speed	15,000 Rpm max (10 Rpm steps)
Rcf Max	10 - 24,000 G
Timer	0-9hours & Hold (30 sec steps)
Dims HWD	330 x 435 x 650mm
Weight	57.8 Kg (without rotor)
Power	625 Watts
Memory	99 programs
Accel rates	10 programs
Decel rates	10 programs
Temp range	-10C to 40C PID controlled to +/- 1C

(Rotor required) see the following pages

Micro rotors to 22,000 Rcf (G)

5

Reducers



Sealed lid included

Rotor	BRK5424
Part number	RS04 (0.2- 0.4ml)
Tube size max	6 x 30mm
Part number	RS05 (0.5ml)
Tube size max	8 x 30mm

Reducers pack of 4

Rotor	BRK5248.BRK5249
Part number	RS04 (0.2- 0.4ml)
Tube size max	6 x 30mm
Part number	RS05 (0.5ml)
Tube size max	8 x 30mm



Optional High dome Lid available. B5424HD For tubes to 50mm high

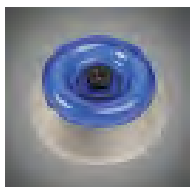
Rotor	BRK5424	BRK5436	BRK5448	BRK5494
Rotor type	24 x 2.0ml	36 x 0.5ml	48 x 0.2 to 0.4ml	4 x Pcr Strips
Tube size max	11 x 40mm	8 x 30mm	6 x 40mm	6 x 40mm
Minimum Rcf (G)	10	10	10	10
Maximum Rcf (G)	22,000	22,000	22,000	22,000
Maximum Rpm	15,000	15,000	15,000	15,000
Radius max cms	8.75cms	8.75cms	8.75cms	8.75cms
Sample tube angle °	45	45	45	45
Acceleration time (secs)	15	15	15	15
Deceleration time (secs)	15	15	15	15
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)	121°C (10)
Minimum Temperature @ 23°C	4°C	4°C	4°C	4°C

Micro rotors High capacity



Sealed lid included

Rotor	BRK5648	BRK5649	BRK5698
Rotor type	48 x 2.2ml	24x2.2 & 24x0.5ml	8 x Pcr Strips
Tube size max	11 x 40mm	11x50 & 6x30mm	6 x 40mm
Minimum Rcf (G)	10	10	10
Maximum Rcf (G)	10,500	10,500	10,500
Maximum Speed	10,000	10,000	10,000
Radius max cms	9.45cms	9.45cms	9.45cms
Sample tube angle °	45	45	45
Acceleration time (secs)	30	30	30
Deceleration time (secs)	45	45	45
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)
Minimum Temperature @ 23°C	4°C	4°C	4°C

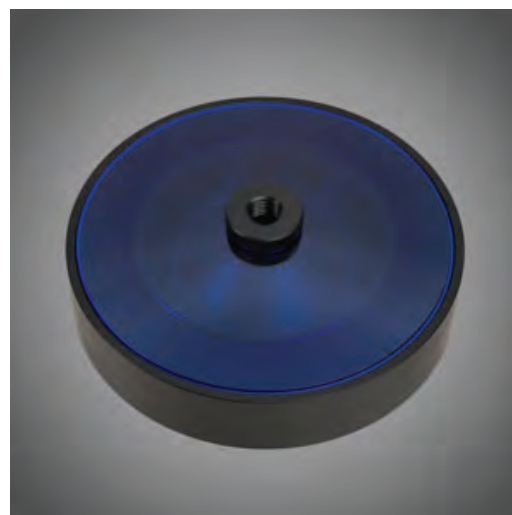


Optional High dome Lid available. B5248HD. For tubes to 50mm high

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Haematocrit & Micro rotor to 15,800 Rcf (G)

Rotor		BRK5401
Rotor type	Tube size max	24 x capillary & 12 x 2ml
	Tube size	2 x 75mm & 11 x 40mm
	Minimum Rcf (G)	10
	Maximum Rcf (G)	15,800
	Maximum Rpm	13,000
	Radius max cms	8.4
	Sample tube angle °	0 & 60
	Acceleration time (secs)	25
	Deceleration time (secs)	25
	Autoclavable (frequency)	121°C (10)
	Minimum Temperature @ 23°C	4°C



Consumables

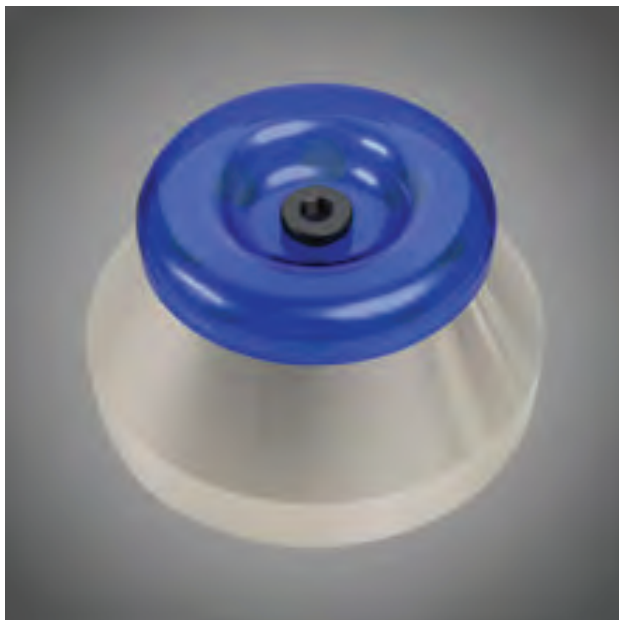
Part Number	Description
8012	Plain Capillary tubes pack 10 x 100
8013	Heparinised Capillary tubes pack 10 x 100
8014	Sealing Clay Pk 10
8011	Rim seal Gasket Pk 10 Replace regularly every 2 months

Accessories

Part Number	Description
8003	PCV Reader

High speed fixed angle rotors to 10,600 Rcf (G)

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Sealed lid included

Reducers pack of 4

Rotor	BRK5212
Part number	RM05 (5ml)
Tube size max	13 x 80mm
Part number	RM10 (10ml)
Tube size max	16 x 100mm

Reducers pack of 4

Rotor	BRK5206
Part number	RM15 (15ml)
Tube size max	17 x 120mm
Part number	RM25 (25ml)
Tube size max	25 x 100mm

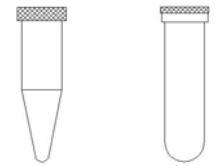
Rotor	BRK5212	BRK5206
Rotor type	12 x 15ml	6 x 50ml
Tube size max	17 x 120mm	30 x 120mm
Minimum Rcf (G)	10	10
Maximum Rcf (G)	10,600	10,600
Maximum Speed	10,000	10,000
Radius max cms	9.5	9.5
Sample tube angle °	60	60
Acceleration time (secs)	180	180
Deceleration time (secs)	25	25
Autoclavable (frequency)	121°C (10)	121°C (10)
Minimum Temperature (@ 23°C)	4°C	4°C

Reducers Fixed angle rotor BRK5212 Pack of 4 (Tubes per rotor 12)

Capacity **Size. mm** **Part Number** **Rcf (G) max**

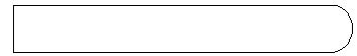
Tube type: Micro with cap. Shape: Point

0.2ml	6 x 20	RS.620	6250
0.4ml	6 x 30	RS.630	6700
0.5ml	8 x 20	RS.820	6250
1.5ml	11 x 38	RS.1138	7100
2.0ml	11 x 38	RS.1138	7100



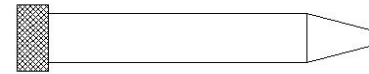
Tube type: Plain no cap. Shape: Round

1ml	6 x 45	RS.645	7400
3ml	10 x 60	RS.1060	8200
5ml	12 x 75	RS.1275	8800
6ml	12 x 82	RS.1282	9200
7ml	12 x 100	RS.12100	10600
9/10ml	14 x 100	RS.14100	10600
15ml	17 x 100	Not required	10600



Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	Not required	10600
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Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	Not required	10600
15ml	17 x 120	Not required	10600



Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	RS.1580	9200
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Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	RU.882	9300
2.7-3ml	11 x 82	RU.1182	9300
2.6-2.9ml	13 x 81	RU.1381	9300
4.5-5ml	11 x 108	RU.11108	10600
7.5-8.2ml	13 x 106	RU.13106	10600
4.5-5ml	15 x 92	RU.1592	9700
9-10ml	16 X 108	Not required	10600



Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	RU.1382	9300
4-7ml	13 x 106	RU.13106	10600
7-9ml	15 x 92	RU.1592	9700
8.5-10ml	16 x 108	Not required	10600



Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	RU.1382	9300
4-7ml	13 x 106	RU.13106	10600
7-9ml	15 x 92	RU.1592	9700
8.5-10ml	16 x 108	Not required	10600

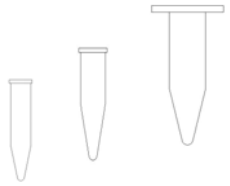
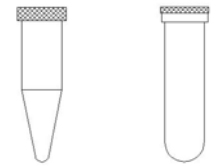


Reducers Fixed angle rotor BRK5206 Pack of 4 (tubes per rotor 6)

Capacity Size. mm Part Number Rcf (G) max

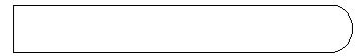
Tube type: Micro with cap. Shape: Point

0.2ml	6 x 20	RSB.620	6300
0.4ml	6 x 30	RSB.630	6800
0.5ml	8 x 20	RSB.820	6300
1.5ml	11 x 38	RSB.1138	7400
2.0ml	11 x 38	RSB.1138	7400



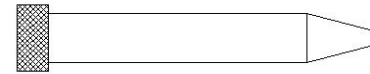
Tube type: Plain no cap. Shape: Round

1ml	6 x 45	RSB.645	7600
3ml	10 x 60	RSB.1060	8400
5ml	12 x 75	RSB.1275	9100
6ml	12 x 82	RSB.1282	9600
7ml	12 x 100	RSB.12100	10600
9/10ml	14 x 100	RSB.14100	10600
15ml	17 x 100	RSB.17100	10600
25ml	24 x 100	RSB.24100	10600



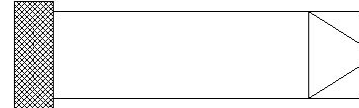
Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	RUB.17120	10600
50ml	29 x 115	Not required	10600



Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	RUB.17100	10600
15ml	17 x 120	RUB.17120	10600
25ml	25 x 90	RUB.2590	9700
30ml	25 x 110	RUB.25110	10600
50ml	29 x 115	Not required	10600



10ml	15 x 80	RUB.1580	9500
30ml	26 x 95	RUB.2695	9700
50ml	29 x 107	Not required	10600



Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	RUB.882	9500
2.7-3ml	11 x 82	RUB.1182	9500
2.6-2.9ml	13 x 81	RUB.1381	9500
4.5-5ml	11 x 108	RUB.11108	10600
7.5-8.2ml	13 x 106	RUB.13106	10600
4.5-5ml	15 x 92	RUB.1592	10000
9-10ml	16 X 108	RUB.16108	10600



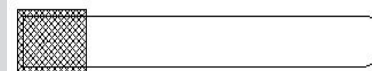
Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	RUB.1382	9500
4-7ml	13 x 106	RUB.13106	10600
7-9ml	15 x 92	RUB.1592	10000
8.5-10ml	16 x 108	RUB.16108	10600



Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	RUB.1382	9500
4-7ml	13 x 106	RUB.13106	10600
7-9ml	15 x 92	RUB.1592	10000
8.5-10ml	16 x 108	RUB.16108	10600



10 Small swing out rotor 2600 Rcf (G)



BRK5508L Rotor Buckets supplied (set of 8)

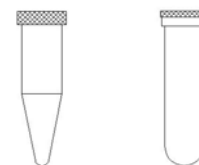
Capacity	8 x 15ml
Tube size	17 x 125mm max
Minimum Rcf (G)	10
Maximum Rcf (G)	2,600
Maximum Speed	4,000
Radius max cms	14.6
Sample tube angle °	0
Acceleration time (secs)	20
Deceleration time (secs)	20
Autoclavable (frequency)	121°C (10)
Minimum Temperature @ 23°C	4°C

Reducers Swing out rotor BRK5508L Pack of 4 (Tubes per rotor 8)

Capacity **Size. mm** **Part Number** **Rcf (G) max**

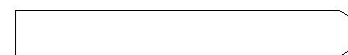
Tube type: Micro with cap. Shape: Point

0.2ml	6 x 20	R8.620	1980
0.4ml	6 x 30	R8.630	1790
0.5ml	8 x 20	R8.820	1980
1.5ml	11 x 38	R8.1138	1890
2.0ml	11 x 38	R8.1138	1890



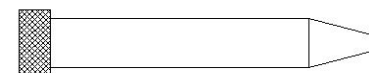
Tube type: Plain no cap. Shape: Round

1ml	6 x 45	R8.645	1980
3ml	10 x 60	R8.1060	2180
5ml	12 x 75	R8.1275	2360
6ml	12 x 82	R8.1282	2450
7ml	12 x 100	R8.12100	2600
9/10ml	14 x 100	R8.14100	2600
15ml	17 x 100	R8.17100	2600



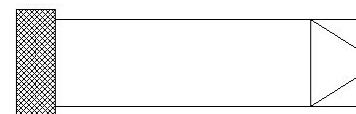
Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	R8.17120	2600
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Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	R8.17100	2600
15ml	17 x 120	R8.17120	2600



Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	R8.1580	2600
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Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	R8.882	2450
2.7-3ml	11 x 82	R8.1182	2450
2.6-2.9ml	13 x 81	R8.1381	2600
4.5-5ml	11 x 108	R8.11108	2600
7.5-8.2ml	13 x 106	R8.13106	2600
4.5-5ml	15 x 92	R8.1592	2600
9-10ml	16 X 108	R8.16108	2600



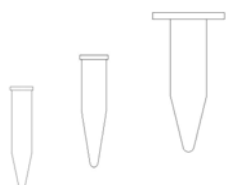
Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	R8.1382	2450
4-7ml	13 x 106	R8.13106	2600
7-9ml	15 x 92	R8.1592	2600
8.5-10ml	16 x 108	R8.16108	2600



Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	R8.1382	2450
4-7ml	13 x 106	R8.13106	2600
7-9ml	15 x 92	R8.1592	2600
8.5-10ml	16 x 108	R8.16108	2600



12

Swing out Rotor 4 x 250ml Max. 2,600 Rcf (G)

BRK1001

1 Litre max capacity



B5251 Bucket (set 4) REQUIRED
250ml max per Bucket



Shown with optional B5519 sealed
lids

Adaptors required see the following page

Rotor/Buckets	BRK1001. B5251 Buckets
Tube size max	62 x 100mm
Minimum Rcf (G)	10
Maximum Rcf (G)	2,600
Maximum Speed Rpm	4,000
Radius max cms	14.6cm
Sample tube angle °	0
Acceleration time (secs)	25
Deceleration time (secs)	35
Autoclavable (frequency)	121°C (20)
Minimum Temperature @ 23°C	4°C

Adaptors for Swing out rotor BRK1001. With B5251 buckets Pack of 4

Capacity **Size. mm** **Part Number** **Tubes per rotor**

Tube type: Micro with cap. Shape: Point

0.5ml	8 x 20	AM605-1	104
1.5ml	11 x 38	AM620-1	72
2.0ml	11 x 38	AM620-1	72
0.2ml	6 x 20	AM602-1	144
0.4ml	6 x 30	AM604-1	144

Tube type: Plain no cap. Shape: Round

1ml	6 x 45	AR601-1	36
3ml	10 x 60	AR603-1	28
5ml	12 x 75	AR605-1	20
6ml	12 x 82	AR606-1	20
7ml	12 x 100	AR607-1	20
9/10ml	14 x 100	AR609-1	20
15ml	17 x 100	AR615-1	16
25ml	24 x 100	AR625-1	12
50ml	34 x 100	AR650-1	4
100ml	45 x 100	AR6100-1	4
125ml	52 x 100	AR6150-1	4

Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	AF615-1	16
50ml	29 x 115	AF650-1	4

Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	AFS612-1	12
15ml	17 x 120	AFS615-1	12
25ml	25 x 90	AFS625-1	4
30ml	25 x 110	AFS630-1	4
50ml	29 x 115	AFS650-1	4

Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	ANO610-1	16
30ml	26 x 95	ANO630-1	4
50ml	29 x 107	ANO650-1	4
100ml	48 x 98	ANO6100-1	4

Tube type: Nalgene. Oakridge with cap. Shape: Flat

250ml	62 x 125	AC62130	4
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Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	AM6014-1	52
2.7-3ml	11 x 82	AM645-1	52
2.6-2.9ml	13 x 81	AM629-1	28
4.5-5ml	11 x 108	AM603-1	52
7.5-8.2ml	13 x 106	AM679-1	28
4.5-5ml	15 x 92	AM650-1	20
9-10ml	16 X 108	AM690-1	20

Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	AV616-1	28
4-7ml	13 x 106	AV650-1	28
7-9ml	15 x 92	AV670-1	20
8.5-10ml	16 x 108	AV680-1	16

Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	AV616-1	28
4-7ml	13 x 106	AV650-1	28
7-9ml	15 x 92	AV670-1	16
8.5-10ml	16 x 108	AV680-1	16



14

Large fixed angle rotors to 4,800 Rcf (G)



Sealed High dome lid included

Rotor	BRK5324	BRK5308	BRK5100
Rotor type	24 x 15ml	8 x 50ml	6 x 100ml
Tube size max	17 x 120mm	30 x 120mm	38 x 125mm
Minimum Rcf (G)	10	10	10
Maximum Rcf (G)	4,800	4,800	4,800
Maximum Speed	6,000	6,000	6,000
Radius max cms	12	12	12
Sample tube angle °	35	35	30
Acceleration time (secs)	30	30	30
Deceleration time (secs)	35	35	35
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)

Refrigerated Centrifuges Only

Minimum Temperature	4°C	4°C	4°C
At maximum speed (relative to room temperature at 23°C)			

Reducers Pack of 4

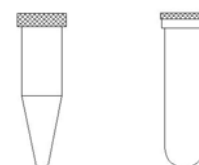
Rotor	BRK5324	BRK5308	BRK5100
Part number	RM05 (5ml)	RM15 (15ml)	RL10 (10ml)
Tube size max	13 x 80mm	17 x 120mm	16 x 100mm
Part number	RM10 (10ml)	RM25 (25ml)	RL15 (15ml)
Tube size max	16 x 100mm	25 x 100mm	17 x 120mm
			RL25 (25ml)
			25 x 100mm
			RL50 (50ml)
			35 x 110mm
			RL85 (85ml)
			39 x 110mm

Reducers Fixed angle rotor BRK5324 Pack of 4 (Tubes per rotor 24)

Capacity **Size. mm** **Part Number** **Rcf (G) max**

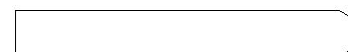
Tube type: Micro with cap. Shape: Point

			Outer	Inner
0.2ml	6 x 20	RS.620	3500	2800
0.4ml	6 x 30	RS.630	3700	3000
0.5ml	8 x 20	RS.820	3500	2800
1.5ml	11 x 38	RS.1138	3800	3100
2.0ml	11 x 38	RS.1138	3800	3100



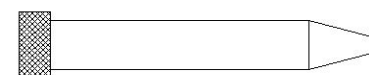
Tube type: Plain no cap. Shape: Round

1ml	6 x 45	RS.645	3950	3300
3ml	10 x 60	RS.1060	4200	3500
5ml	12 x 75	RS.1275	4400	3700
6ml	12 x 82	RS.1282	4600	3900
7ml	12 x 100	RS.12100	4800	4100
9/10ml	14 x 100	RS.14100	4800	4100
15ml	17 x 100	Not required	4800	4100



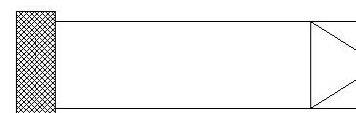
Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	Not required	4800	4100
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Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	Not required	4800	4100
15ml	17 x 120	Not required	4800	4100



Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	RS.1580	4600	3900
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Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	RU.882	4600	3900
2.7-3ml	11 x 82	RU.1182	4600	3900
2.6-2.9ml	13 x 81	RU.1381	4600	3900
4.5-5ml	11 x 108	RU.11108	4800	4100
7.5-8.2ml	13 x 106	RU.13106	4800	4100
4.5-5ml	15 x 92	RU.1592	4700	4000
9-10ml	16 X 108	Not required	4800	4100



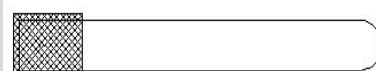
Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	RU.1382	4600	3900
4-7ml	13 x 106	RU.13106	4800	4100
7-9ml	15 x 92	RU.1592	4700	4000
8.5-10ml	16 x 108	Not required	4800	4100



Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	RU.1382	4600	3900
4-7ml	13 x 106	RU.13106	4800	4100
7-9ml	15 x 92	RU.1592	4700	4000
8.5-10ml	16 x 108	Not required	4800	4100

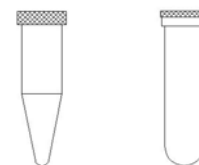


Reducers Fixed angle rotor BRK5308 Pack of 4 (tubes per rotor 24)

Capacity **Size. mm** **Part Number** **Rcf (G) max**

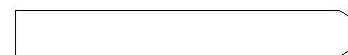
Tube type: Micro with cap. Shape: Point

0.2ml	6 x 20	RSB.620	3100
0.4ml	6 x 30	RSB.630	3300
0.5ml	8 x 20	RSB.820	3100
1.5ml	11 x 38	RSB.1138	3500
2.0ml	11 x 38	RSB.1138	3500



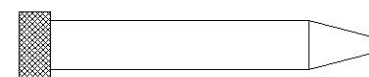
Tube type: Plain no cap. Shape: Round

1ml	6 x 45	RSB.645	3600
3ml	10 x 60	RSB.1060	4000
5ml	12 x 75	RSB.1275	4400
6ml	12 x 82	RSB.1282	4500
7ml	12 x 100	RSB.12100	4800
9/10ml	14 x 100	RSB.14100	4800
15ml	17 x 100	RSB.17100	4800
25ml	24 x 100	RSB.24100	4800



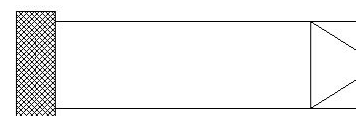
Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	RUB.17120	4800
50ml	29 x 115	Not required	4800



Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	RUB.17100	4800
15ml	17 x 120	RUB.17120	4800
25ml	25 x 90	RUB.2590	4400
30ml	25 x 110	RUB.25110	4800
50ml	29 x 115	Not required	4800



Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	RUB.1580	4200
30ml	26 x 95	RUB.2695	4400
50ml	29 x 107	Not required	4800



Tube type: Monovette. Shape Square

1.1-1.4ml	8 x 82	RUB.882	4200
2.7-3ml	11 x 82	RUB.1182	4200
2.6-2.9ml	13 x 81	RUB.1381	4200
4.5-5ml	11 x 108	RUB.11108	4800
7.5-8.2ml	13 x 106	RUB.13106	4800
4.5-5ml	15 x 92	RUB.1592	4300
9-10ml	16 X 108	RUB.16108	4800



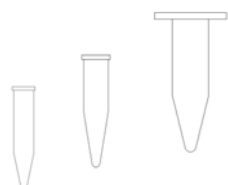
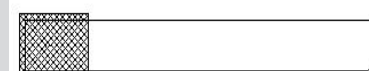
Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	RUB.1382	4200
4-7ml	13 x 106	RUB.13106	4800
7-9ml	15 x 92	RUB.1592	4300
8.5-10ml	16 x 108	RUB.16108	4800



Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	RUB.1382	4200
4-7ml	13 x 106	RUB.13106	4800
7-9ml	15 x 92	RUB.1592	4300
8.5-10ml	16 x 108	RUB.16108	4800



Reducers Fixed angle rotor BRK5100 Pack of 4 (tubes per rotor 6)

Capacity **Size. mm** **Part Number** **Rcf (G) max**

Tube type: Micro with cap. Shape: Point

0.2ml	6 x 20	RSC.620	3100
0.4ml	6 x 30	RSC.630	3300
0.5ml	8 x 20	RSC.820	3100
1.5ml	11 x 38	RSC.1138	3500
2.0ml	11 x 38	RSC.1138	3500

Tube type: Plain no cap. Shape: Round

1ml	6 x 45	RSC.645	3600
3ml	10 x 60	RSC.1060	4000
5ml	12 x 75	RSC.1275	4400
6ml	12 x 82	RSC.1282	4500
7ml	12 x 100	RSC.12100	4800
9/10ml	14 x 100	RSC.14100	4800
15ml	17 x 100	RSC.17100	4800
25ml	24 x 100	RSC.24100	4800
50ml	34 x 100	RSC.34100	4800

Tube type: Falcon with cap. Shape: Point

15ml	17 x 120	RUC.17120	4800
50ml	29 x 115	RUC.29115	4800

Tube type: Falcon with cap. Shape: Square

12ml	17 x 100	RUC.17100	4800
15ml	17 x 120	RUC.17120	4800
25ml	25 x 90	RUC.2590	4400
30ml	25 x 110	RUC.25110	4800
50ml	29 x 115	RUC.29115	4800

Tube type: Nalgene. Oakridge with cap. Shape: Round

10ml	15 x 80	RUC.1580	4200
30ml	26 x 95	RUC.2695	4400
50ml	29 x 107	RUC.29107	4800
100ml	38 x 106	RUC.38106	4800

Tube type: Monovette. Shape Square

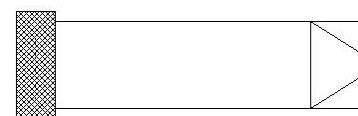
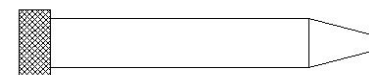
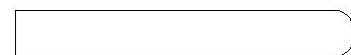
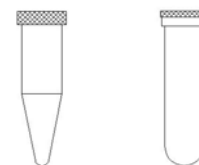
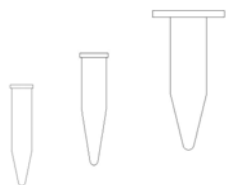
1.1-1.4ml	8 x 82	RUC.882	4200
2.7-3ml	11 x 82	RUC.1182	4200
2.6-2.9ml	13 x 81	RUC.1381	4200
4.5-5ml	11 x 108	RUC.11108	4800
7.5-8.2ml	13 x 106	RUC.13106	4800
4.5-5ml	15 x 92	RUC.1592	4300
9-10ml	16 X 108	RUC.16108	4800

Tube type: Vacutainer. Shape: Round

1.6-5ml	13 x 82	RUC.1382	4200
4-7ml	13 x 106	RUC.13106	4800
7-9ml	15 x 92	RUC.1592	4300
8.5-10ml	16 x 108	RUC.16108	4800

Tube type: Vacuette. Shape: Round

1.6-5ml	13 x 82	RUC.1382	4200
4-7ml	13 x 106	RUC.13106	4800
7-9ml	15 x 92	RUC.1592	4300
8.5-10ml	16 x 108	RUC.16108	4800



18 Microtitor Plate Rotor 4 x Standard or 2 x High Plates



Rotor	BRK5540
	Complete with buckets
Rotor type	Tube size max
	Available with 4 x STD Plates 85mmx128mm
Minimum Rcf (G)	10
Maximum Rcf (G)	2500
Maximum Rpm	3500
Radius max cms	14
Sample tube angle °	0°C (10)
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclavable (frequency)	121°C (10)
Minimum Temperature @ 23°C	4°C



Cytology rotors to 500Rcf (G)

19



Rotor	4460 (12 Place)
Rotor type	12 x 0.2 to 6ml
Tube size max	Single or double
Minimum Speed Rpm	200
Maximum Speed Rpm	2,000
Maximum Rcf (G)	500
Radius max cms	11.2
Sample tube angle °	0
Acceleration time (secs)	25
Deceleration time (secs)	25
Autoclavable (frequency)	121°C (10)
Minimum Temperature @ 23°C	4°C

Accessories



4446

Double sample holder with card (up to 1ml)



4444

Single sample holder with card (up to 1ml)



4600

Single sample holder with card (up to 6ml)



4462

Stainless steel clips

20 Medium Ambient Centrifuge and one rotor.

(one rotor use only).

DUAL MODEL

Swing out rotor see page 10

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 2,600 Rcf (G)
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C404B

1.C404B

5508L



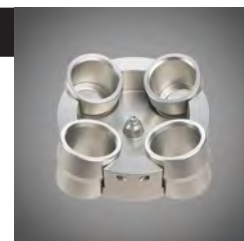
Swing out rotor see page 12

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 2,600 Rcf (G)
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C404A

1.C404A

1001/B5251Bkts



Microtitor rotor see page 18

Part nos. 230v 50/60Hz	Rotor. 4,800 Rcf (G)
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C403A

1.C403A

5540



Fixed angle rotors see page 14

Part nos. 230v 50/60Hz	Rotor. 1520 Rcf (G)
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C406A

1.C406A

BRK5324

C406B

1.C406B

BRK5308

C406C

1.C406C

BRK5100



High speed fixed angle rotor see page 7

Part nos. 230v 50/60Hz	Rotor. 550Rcf (G)
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C410A

1.C410A

BRK5212

C410B

1.C410B

BRK5206



Medium Refrigerated Centrifuge and one rotor. 21

(one rotor use only).

DUAL MODEL

Swing out rotor see page 10

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 2,600 Rcf (G)
C404RB	1.C404RB	5508L



Swing out rotor see page 12

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 2,600 Rcf (G)
C404RA	1.C404RA	1001/B5251Bkts



Microtitor rotor see page 18

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 4,800 Rcf (G)
C403RA	1.C403RA	5540



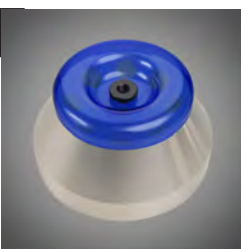
Fixed angle rotors see page 14

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 1520 Rcf (G)
C406RA	1.C406RA	BRK5324
C406RB	1.C406RB	BRK5308
C406RC	1.C406RC	BRK5100



High speed fixed angle rotor see page 7

Part nos. 230v 50/60Hz	Part nos. 110v 60Hz	Rotor. 550Rcf (G)
C410RA	1.C410RA	BRK5212
C410RB	1.C410RB	BRK5206



22

Refrigerated Centrifuges

Dynamics rooted in innovation

Accuracy and control using less power.

How?

Centurion Scientific Ltd keep the compressor running constantly, sounds odd but this method increases compressor life and reduces power dramatically.

Constantly turning a compressor on and off means a huge surge of power on each action, plus poor temperature control. See graph below, to control the accuracy to an unprecedented level we balance and control with a heater. This is controlled by a PID system offering top level control.

Why?

Imagine using a shower, you turn on both hot water and cold to reach your desired temperature.

You would not stand in cold water, then hot to regulate temperature.

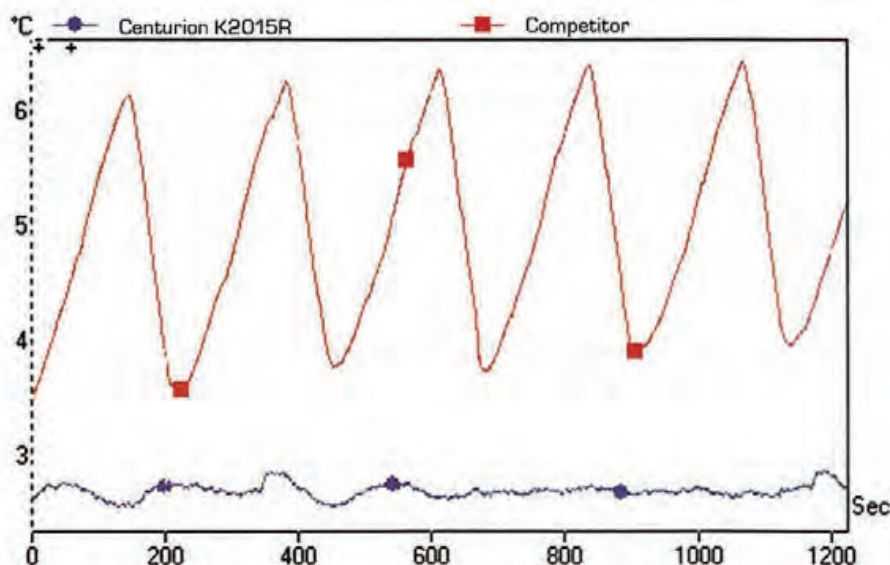
By using both cold and hot we “balance” the set temperature. As we have been using this method for over 27 years it is a proven technology.

Proof

See the graph below.

Centurion is set at 3C and a well known competitor at 4C to differentiate.

As you can clearly see our system has control and repeatability beyond our competition.





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.