

Welcome to the Future of Small Prime Centrifuges

In the past, manufacturers have offered limited rotor availability to Small Centrifuges.

Not anymore.

Centurion Scientific Ltd are evolving the marketplace and have introduced **Small Centrifuge Prime**.

A Small Centrifuge that offers:

1	Micro rotors. 0.2, 0.4, 0.5, 1.5, 2.0, 2.2ml & PCR 15,000Rpm and 22,000 Rcf (G) max	Capacity
2	Haematocrit rotor Capillary and 2.0ml tubes 12,000Rpm and 13,500 Rcf(G) max	Capacity
3	Fixed angle rotors 15 & 50ml tube (reducers available) 6,000Rpm and 4,800 Rcf (G) max	Capacity
4	Swing out rotor 0.5 to 100ml tube (adaptors available) 4,000Rpm and 2,200 Rcf (G) max	Capacity
5	Cytology rotor. 3 types 4, 8 or 12 place (Double holder) 2,000Rpm and 550 Rcf (G) max	Capacity



Display indicative only

K2015 Small Prime Centrifuge

K2015 . (230V 50/60Hz). 1.K2015. (110V 60Hz)

Speed	500-15,000 Rpm (1 Rpm steps)
Rcf Max	22,000 G
Timer	0-9999 Mins & Hold (1 sec steps)
Dims HWD	275 x 325 x 470mm
Weight	21.8 Kg (without rotor)
Power	160 Watts
Memory	108 programs
Accel rates	10 programs
Decel rates	10 programs

Welcome to the Future of Small Prime Refrigerated Centrifuges

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2	Haematocrit rotor Capillary and 2.0ml tubes 12,000Rpm and 13,500 Rcf(G) max	Capacity
3	Fixed angle rotors 15 & 50ml tube (reducers available) 6,000Rpm and 4,800 Rcf (G) max	Capacity
4	Swing out rotor 0.5 to 100ml tube (adaptors available) 4,000Rpm and 2,200 Rcf (G) max	Capacity
5	Cytology rotor. 3 types 4, 8 or 12 place (Double holder) 2,000Rpm and 550 Rcf (G) max	Capacity



Display indicative only

The following pages show available rotors.

K2015R Small Prime Centrifuge Refrigerated

K2015R.(230V 50Hz). 1.K2015R.(60Hz). 2.K2015R.(230V 60Hz)

Speed	500-15,000 Rpm (1 Rpm steps)
Rcf Max	22,000 G
Timer	0-9999 Mins & Hold (1 sec steps)
Dims HWD	315 x 450 x 635mm
Weight	62 Kg (without rotor)
Power	690 Watts
Memory	108 programs
Accel rates	10 programs
Decel rates	10 programs
Temp	-9°C to + 40°C PID Controlled to + / - 1°C

Microtube Rotors 15,000 Rpm



With NEW
high Domed
polycarbonate
lid



Rotor	BRK5424	BRK5436	BRK5448	BRK5494
Rotor type	24 x 2ml	36 x 0.5ml	48 x 0.2ml	4 x PCR Strips
Tube size max	11 x 50mm	8 x 30mm	6 x 40mm	6 x 40mm
Minimum Speed Rpm	500	500	500	500
Maximum Speed Rpm	15,000	15,000	15,000	15,000
Maximum Rcf (G)	22,000	22,000	22,000	22,000
Radius max cms	8.5	8.5	8.5	8.5
Sample tube angle (°)	45	45	45	45
Acceleration time (secs)	25	25	25	25
Deceleration time (secs)	25	25	25	25
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)	121°C (10)

Refrigerated Centrifuges Only

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

Reducers

(Pack of 24)



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

Haematocrit Rotor 12,000 Rpm



Rotor	BRK5401
Rotor type	24 x capillary & 12 x 2ml
Tube size max	2 x 75mm & 11 x 40mm
Minimum Speed Rpm	500
Maximum Speed Rpm	12,000
Maximum Rcf (G)	13,500
Radius max cms	8.5
Sample tube angle (°)	0 & 60
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclavable (frequency)	121°C (10)

Large Fixed Angle Rotors 6,000 Rpm



Rotor	BRK5324	BRK5308	BRK5100
Rotor type	24 x 15ml	8 x 50ml	6 x 100ml
Size max	17 x 120mm	30 x 120mm	45 x 125mm
Minimum speed Rpm	500	500	500
Maximum speed Rpm	6,000	6,000	6,000
Maximum Rcf (G)	4,800	4,800	4,800
Radius max cms	12	12	12
Sample tube angle °	30	30	30
Acceleration time (secs)	35	35	35
Deceleration time (secs)	35	35	35
Autoclavable (frequency)	121°C (20)	121°C (20)	121°C (20)

Refrigerated Centrifuges Only

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

Reducers



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)	RL25 (25ml)
Tube size max	13 x 100mm	25 x 100mm	25 x 100mm
			RL50 (50ml)
			35 x 110mm
			RL85 (85ml)
			39 x 110mm

Swing Out Rotor - 400ml max



BRK1000 Swing out Rotor










Shown with B5010 Buckets and
sealed lids B5419

Rotor / buckets	BRK1010
Tube size max	45 x 100mm
Minimum speed	500Rpm
Maximum speed	4000Rpm
Maximum Rcf(G)	2200
Radius max	12.5cm
Tube angle	0 degree
Acceleration time	25 seconds
Deceleration time	25 seconds
Autoclavable (times)	121C (20)
Minimum Temperature	4C (at 23C ambient)

B5010 bucket (set 4) REQUIRED
100ml max per bucket



Adaptors for Swing out rotors

	Capacity	Size	To fit buckets B5100	
			Part No.	Tubes per rotor
	Tube type: Micro with cap Shape: point			
	0.5ml	8x20	AM405	36
	1.5ml	11x38	AM420	24
	2.0ml	11x38	AM420	24
	0.2ml	6x20	AM402	36
	0.4ml	6x30	AM404	36
	Tube type: Plain no cap Shape: round			
	1ml	6x45	AR401	36
	3ml	10x60	AR403	28
	5ml	12x75	AR405*	28
	6ml	12x82	AR405*	28
	7ml	12x100	AR407*	28
	9/10ml	14x100	AR409*	24
	15ml	17x100	AR415*	8
	25ml	24x100	AR425*	8
	50ml	34x100	AR450*	4
	100ml	45x100	AR4100*	4
	150ml	52x100	N/A	
	250ml	62x100	N/A	
	Tube type: Falcon with cap Shape: point			
	15ml	17x120	AF415*	8
	50ml	29x115	AF450*	4
	175ml	61x118	N/A	
	15ml	17x120	N/A	
	Tube type: Corning with cap* Shape: point			
	250ml	60x172	See K242/R	
	500ml	98x148	See K242/R	
	Tube type: Falcon with cap Shape: square			
	12ml	17x100	AFS412	8
	25ml	25x90	AFS425	4
	30ml	25x110	AFS430	4
	50ml	29x115	AFS450*	4
	15ml	17x120	N/A	N/A
	Tube type: Nalgene/Oakridge Shape: round			
	10ml	16x80	ANO410*	8
	30ml	26x95	ANO430*	4
	50ml	29x107	ANO450	4
	100ml	38x106	ANO485	4
	Tube type: Nalgene/Oakridge* Shape: flat			
	250ml	62x130	See K241/R	
	750ml	98x153	See K243/R	
	Tube type: Monovette Shape: square			
	1.1-1.4ml	8x82	AM4014	24
	2.7-3ml	11x82	AM403	24
	2.6-2.9ml	13x81	AM429	24
	4.5-5ml	11x108	AM403*	24
	7.5-8.2ml	13x106	AM479*	24
	4.5-5ml	15x92	AM450*	20
	9-10ml	16x108	AM490*	20
	Tube type: Vacutainer Shape: round			
	1.6-5ml	13x75	AV416*	24
	4-7ml	13x100	AV450*	16
	8.5-10ml	16x100	AV480*	12

Swing out Rotor - 8 x 10ml Max



Including 8 buckets

Rotor	BRK5508M
Rotor type	8 x 10ml
Tube size max	15 x 115mm
Minimum Speed Rpm	500 Rpm
Maximum Speed Rpm	4,000 Rpm
Maximum Rcf (G)	2200
Radius max cms	12.3
Sample tube angle (°)	0
Acceleration time (secs)	20
Deceleration time (secs)	20
Autoclavable (frequency)	121°C (20)



10ml

Microtiter Plate Rotor 4 x Standard or
2 x High Plates (available to K2015R only)



Rotor	BRK5540
Buckets	Complete with buckets
Sealed Lids	Available with
Rotor type	4 x STD Plates
Tube size max	85mm x 128mm
Minimum Speed Rpm	500 Rpm
Maximum Speed Rpm	3500 Rpm
Maximum Rcf (G)	2500
Radius max cms	14
Sample tube angle (°)	0 °C (10)
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclavable (frequency)	121°C (20)

Cytology Rotor's available

Using centrifugal force to separate and deposit a monolayer of cells onto slides whilst maintaining integrity within a clearly defined area FROM ANY FLUID MATRIX. Cyto centrifugation also constructively flattens cells for excellent nuclear presentation.

Applications include Cytology, Histology, Haematology, Oncology, Immunocytochemistry, Serology and Microbiology. Offering samples from 0.1ml to 6ml and an extensive range of accessories we have your Cytology needs covered.



Rotor	4420	4430	4460
Rotor type	4 x 0.2 to 6ml	8 x 0.2 to 6ml	12 x 0.2 to 6ml
Tube size max	Single or double	Single or double	Single or double
Minimum speed Rpm	200	200	200
Maximum speed Rpm	2,000	2,000	2,000
Maximum Rcf (G)	550	550	550
Radius max cms	12	12	12
Sample tube angle °	0	0	0
Acceleration time (secs)	25	25	25
Deceleration time (secs)	25	25	25
Autoclavable (frequency)	121°C (20)	121°C (20)	121°C (20)

Cytology rotor includes Rotor, Sealed Lid, Clips, 24 holders with filter card & 100 slides



Pack of 24



Pack of 24



Pack of 24



Each

4446

Double sample holder with card (up to 1ml)

4444

Single sample holder with card (up to 1ml)

4600

Double sample holder with card (up to 6ml)

4462

Stainless steel clips



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Use the above details to contact us if this literature doesn't answer all your questions.

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.

