

Centurion Scientific Ltd 

C2 Series Benchtop Centrifuges



Made in The UK & Sold all over the world!!

**Established in 1989 we are now celebrating
over 20 years
of success**



Choosing the right Centrifuge

A centrifuge is a critical piece of equipment. Therefore, when the time comes to add new centrifuges or replace old models, it is important to make an informed decision.

With so many recent advances in both science and technology, it is wise to educate yourself about our wide range of centrifuge options now available.

Reasons to buy

Engineered excellence offering a choice which will fit all budgets.

Two year warranty offering complete peace of mind.

(All warranties are subject to certain terms and conditions)

Strong and built to last, yet offering an attractive exterior pleasing to the eye.

Incorporating high level safety features – adhering to ISO and other governing bodies.
We are CE marked accordingly.

Preferred supplier to Ministries of health, agriculture, government bodies, hospitals, veterinary establishments and charities worldwide to name but a few.

We are tried, tested and trusted worldwide.

No compromises

We use only the best motors, inverters, filters and materials.

Our rotors are either aircraft grade aluminium or high tech composites.

Rigorous quality assurance. Through a 3 phase QA test process.

Bespoke special adaptor service, means a perfect fit to all tubes.

(within the rotors capacity)



Where innovative design and concept become reality...

...The new Centurion range



The combination of pioneering high technology manufacturing, with traditional functionality and safety features, means the new range from Centurion is in a league of its own.

Bringing together technological and design excellence. Centurion have paved the way for a new generation of Centrifuges.

Efficiency and safety are key requisites, wherever centrifuges are incorporated to a working process, they need to deliver good separation results quickly and safely. This we have achieved over many years and our reputation for quality and safety are unmistakably the same.

These user friendly centrifuges offer added applications for convenience and easy use. With models to suit all applications.

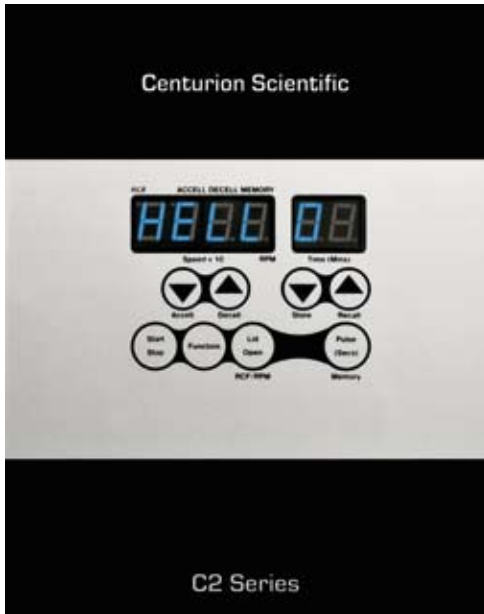
**Please see our K3 series
for alternative models.**

**Also view our Cytology and Cell Washer brochures
to see our complete range.**



We reserve the right to make changes without prior notice in line with ongoing R&D

Details for all C2 series



Light emitting Diode screen
Electric blue LED display

Features

10 Acceleration rates
10 Deceleration rates
10 Program memory

Timer 0-99 minutes
Pulse (short run) to 90 seconds
Run in speed or Rcf(G Force)

Standard features to all C2 range

Stainless steel bowl
Alloy and steel main frame with composite panels
World brand leading industrial grade inverter
High quality European brushless motor

Advantages

Cleanliness & Rust Free
Strong Light & Quiet
Reliability & Accuracy
Quiet, Cool & Reliable

Safety features to all ranges

Multi-point lid locking system containment	Best Safety for Lid
Imbalance vibration detector with auto reset	Easy "eye" volume loading
Lid lock detector	Unable to run with an open lid
Overspeed sensor	Safe detection of speed
Set inverter values	Electronic safety of speed
Barrier ring	Metal protection of chamber
Motor overheat sensor	Motor protection

Full service access via coded system, giving LED display diagnostics

Index

Micro Centrifuges



C2012

Haematocrit and micro centrifuge
12000 rpm max 13500G
Capillary and fixed angle microtube rotors



C2015

Micro centrifuge
15000 rpm max 22000 G
Micro tube fixed angle rotors

Medium Centrifuges



C2004

Centrifuge 400ml
4000 rpm max 2250G
Swing out & fixed angle rotors



C2006

Centrifuge
6000 rpm max 3800G
Fixed angle rotors

Large Centrifuges



C2041

Centrifuge 1 Litre capacity
4000 rpm max 2650G
Swing out rotor



C2043

Centrifuge 3 Litre capacity
4000 rpm max 3600 G
Swing out rotor

Multi-purpose



CR2000

Centrifuge 400ml capacity
12000 rpm max 13500G
Varied range of swing out & fixed angle rotors

C2012 Haematocrit & Microtube centrifuge

*“looking for a centrifuge
that does both”*

Speed 500-12000Rpm

Max Rcf 13500G

Timer 0-99Minutes

Dims HWD 23x23x35Cms

Weight 12Kilos

Accessories for BR5401

8003 Haematocrit reader
8014 Sealing compound capillary



Rotors Available



BR5401

max speed 12000 Rpm 13,500G
24 x Capillary tubes
Tube size maximum H75 x W1.6mm
And 12 x 1.5-2.0ml tube
Tube size maximum H40 x W11mm
Cap size dependant



BR5424

max speed 12000 Rpm 13,500G
24 x 1.5-2.2ml tube, fixed angle rotor
Tube size maximum H40 x W11mm
Cap size dependant
Adaptors available for BR5401 & BR5424
8004/6 - 0.2-0.4ml
8004/8 - 0.5ml



BR5436

max speed 12000 Rpm 13,500G
36 x 0.5ml tube, fixed angle rotor
Tube size maximum H40 x W8mm
Cap size dependant



BR5448

max speed 12000 Rpm 13,500G
48 x 0.2ml tube, fixed angle rotor
Tube size maximum H40 x W6mm
Cap size dependant

C2015 Micro high speed centrifuge

"speedy little mover"

Speed 500-15000Rpm

Max Rcf 22000G

Timer 0-99Minutes

Dims HWD 23x23x35Cms

Weight 12Kilos



Rotors Available



BR5424

max speed 15000 Rpm 22,000G
24 x 1.5-2.2ml tube, fixed angle rotor
Tube size maximum H40 x W11mm
Cap size dependant
Adaptors available see below



BR5436

max speed 15000 Rpm 22,000G
36 x 0.5ml tube, fixed angle rotor
Tube size maximum H40 x W8mm
Cap size dependant



BR5448

max speed 15000 Rpm 22,000G
48 x 0.2ml tube, fixed angle rotor
Tube size maximum H40 x W6mm
Cap size dependant



8004/6

ADAPTORS for BR5424 only
24 adaptors for 0.2 -0.4ml tubes
Tube size maximum H40 x W6mm
Cap size dependant

8004/8

24 adaptors for 0.5ml tubes
Tube size maximum H40 x W8mm
Cap size dependant

C2004 400ml Versatile centrifuge

"entry level... excellence"

Speed 500-4000Rpm

Max Rcf 2250G

Timer 0-99Minutes

Dims HWD 27x33x46Cms

Weight 16.5Kilos



Rotors Available



BR5624

max speed 4000 Rpm 2,250G

24 x 15ml tube, fixed angle rotor
Tube size maximum H120 x W17 mm
Cap size dependant
8009 - 5-10ml
8009/S - 2-4ml

Adaptors available



BR5608

max speed 4000 Rpm 2,250G

8 x 50ml tube, fixed angle rotor
Tube size maximum H115 x W30mm
Cap size dependant
6006 - 25ml
6007 - 15ml

Adaptors available



BR5505

max speed 4000 Rpm 2,250G

4 x 100ml max swing out rotor with rings
Requires tube adaptors as below
Sealed lids available B5419



TUBE ADAPTORS for BR5505

Range from 0.5ml to 100ml max

See Page 14/15 for full details

C2006 Fixed angle up to 6000RPM

"functional simplicity"

Speed 500-6000Rpm

Max Rcf 3800G

Timer 0-99Minutes

Dims HWD 27x33x46Cms

Weight 16.5Kilos



Rotors Available



BR5412

max speed 6000 Rpm 3,800G
12 x 15ml tube, fixed angle rotor
Tube size maximum H120 x W17 mm
Cap size dependant



8009

ADAPTORS for BR5412 (above) 5-10ml
Tube size maximum H100 x W13 mm



BR5406

max speed 6000 Rpm 3,800G
6 x 50ml Tube, fixed angle rotor
Tube size maximum H115 x W30mm



6006

ADAPTORS for BR5406 (above) 25ml
Tube size maximum H115 x W24 mm

6007

ADAPTORS for BR5406 (above) 15ml
Tube size maximum H120 x W17 mm

C2041 1 Litre Centrifuge

"from the family of workhorses"

Speed 500-4000Rpm

Max Rcf 2600G

Timer 0-99Minutes

Dims HWD 28x40x50Cms

Weight 22Kilos



Rotors Available



BR5624

max speed 4000 Rpm 2,250G
24 x 15ml tube, fixed angle rotor
Tube size maximum H120 x W17 mm
Cap size dependant
8009 - 5-10ml
8009/S - 2-4ml

Adaptors available



BR5608

max speed 4000 Rpm 2,250G
8 x 50ml tube, fixed angle rotor
Tube size maximum H115 x W30mm
Cap size dependant
6006 - 25ml
6007 - 2-4ml

Adaptors available



BR5510

max speed 4000 Rpm 2,600G
Swing out rotor 4 x 250ml max
Requires tube adaptors as below

B5250

Buckets required set of 4 (shown with Rotor)
Sealed lids available B5419



TUBE ADAPTORS for BR5510

Range from 0.5ml to 250ml max

See Page 14/15 for full details

C2043 3 Litre work horse

"Big is best"

Speed 500-4000Rpm

Max Rcf 3600G

Timer 0-99Minutes

Dims HWD 40x60x63Cms

Weight 43Kilos



Rotors Available



BR5553

max speed 4000 Rpm 3,600G
4 x 750ml max swing out rotor
Requires B3000 buckets as below



B3000

max speed 4000 Rpm 3,600G
Buckets for above set of 4
Sealed lids available B5319

ADAPTORS

for B3000

See Page 14/15 for full details



B5200

max speed 4000 Rpm 2,800G
Microtiter plate buckets
Capacity 8 total stacked
[requires BR5553 rotor - as shown]

CR2000 Multi purpose & versatile rotor recognised centrifuge

"Top selling all rounder"

Speed 500-12000Rpm

Max Rcf 13500G

Timer 0-99Minutes

Dims HWD 27x33x46Cms

Weight 16.5Kilos



Rotors Available



BR5505

max speed 4000 Rpm 2,250G

4 x 100ml max swing out rotor with rings
Requires tube adaptors as below
Sealed lids available B5419



TUBE ADAPTORS for BR5505

Range from 0.5ml to 100ml max

See Page 14/15 for full details



BR5608

max speed 4000 Rpm 2,250G

8 x 50ml tube, fixed angle rotor
Tube size maximum H115 x W30mm
Cap size dependant

Adaptors available

6006 - 25ml
6007 - 15ml



BR5624

max speed 4000 Rpm 2,250G

24 x 15ml tube, fixed angle rotor
Tube size maximum H120 x W17 mm
Cap size dependant

Adaptors available

8009 - 5-10ml
8009/S - 2-4ml

Rotors - fixed angle



BR5401

max speed 12000 Rpm 13,500G
24 x Capillary tubes
Tube size maximum H75 x W1.6mm
Also 12 x 1.5-2.0ml tube
Tube size maximum H40 x W11mm
Cap size dependant.



BR5424

max speed 12000 Rpm 13,500G
24 x 1.5-2.2ml tube, fixed angle rotor
Tube size maximum H40 x W11mm
Cap size dependant.

Adaptors available
for BR5401 & BR5424

8004/6 - 0.2-0.4ml
8004/8 - 0.5ml



BR5436

max speed 12000 Rpm 13,500G
36 x 0.5ml tube, fixed angle rotor
Tube size maximum H40 x W8mm
Cap size dependant.



BR5448

max speed 12000 Rpm 13,500G
48 x 0.2ml tube, fixed angle rotor
Tube size maximum H40 x W6mm
Cap size dependant.



BR5412

max speed 6000 Rpm 3,800G
12 x 15ml tube, fixed angle rotor
Tube size maximum H120 x W17 mm
Cap size dependant.

Adaptors available

8009 - 5-10ml
8009/S - 2-4ml



BR5406

max speed 6000 Rpm 3,800G
6 x 50ml Tube, fixed angle rotor
Tube size maximum H115 x W30mm

Adaptors available

6006 - 25ml
6007 - 15ml

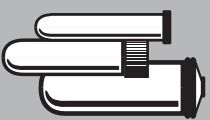


Falcon with cap	Square	12ml	17x100
Falcon with cap	Square	25ml	25x90
Falcon with cap	Square	30ml	25x110
Falcon with cap	Square	50ml	29x115

AFSS512	8
AFSS225	4
AFSS30	4
AFSS50	4

AFS612	16
AFS625	8
AFS630	8
AFS650	4

AFS812	40
AFS825	28
AFS830	28
AFS850	24

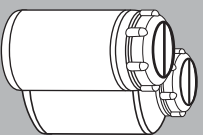


Nalgene/Oakridge	Round	10ml	16x80
Nalgene/Oakridge	Round	30ml	26x95
Nalgene/Oakridge	Round	50ml	29x107
Nalgene/Oakridge	Round	85ml	38x106

AN0510	8
AN0530	4
AN0550	4
AN0585	4

AN0610	16
AN0630	8
AN0650	8
AN0685	4

AN0810	64
AN0830	28
AN0850	24
AN0885	12



Nalgene/Oakridge	Flat	250ml	62x130
Nalgene/Oakridge	Flat	750ml	98x153

N/A	N/A
N/A	N/A

AN06250	Bucket
N/A	N/A

AN08250	4
AN08750	4



Monovette	Square	1.1-1.4ml	8x82
Monovette	Square	2.7-3ml	11x82
Monovette	Square	2.6-2.9ml	13x81
Monovette	Square	4.5-5ml	11x108
Monovette	Square	7.5-8.2ml	13x106
Monovette	Square	4-5.5ml	15x92
Monovette	Square	7.5-8.2ml	15x108
Monovette	Square	9-10.0ml	16x108

AM5014	48
AM503	48
AM529	40
AM503	48
AM579	40
AM550	28
AM550	28
AM590	28

AM6014	48
AM603	48
AM629	40
AM603	48
AM679	40
AM650	28
AM650	28
AM690	28

AM8014	96
AM803	76
AM829	76
AM803	76
AM879	76
AM850	64
AM850	64
AM890	64



Vacutainer	Round	1.6-5.0ml	13x75
Vacutainer	Round	4-7.0ml	13x100
Vacutainer	Round	4-7.0ml	16x75
Vacutainer	Round	8.0ml	16x125
Vacutainer	Round	8.5-10.0ml	16x100

AV516	40
AV550	40
AV570	28
AV580	28
AV580	28

AV616	40
AV650	40
AV670	28
AV680	28
AV680	28

AV816	76
AV850	76
AV870	64
AV880	64
AV880	64

Adaptors for Swing out rotors

Adaptors

Adaptors

Adaptors



Tube type	Shape	Capacity	Size
Micro with cap	point	0.5ml	WxH (mm) 8x20
Micro with cap	point	1.5ml	11x38
Micro with cap	point	2.0ml	11x38
Micro with cap	point	0.2ml	6x20
Micro with cap	point	0.4ml	6x30

To fit rotor BR5505		Nos of tubes	
Part nos	Per rotor		
AM505	40		
AM520	28		
AM520	28		
AM502	48		
AM504	48		

To fit rotor BR5510		Nos of tubes	
Part nos	Per rotor		
AM605	40		
AM620	28		
AM620	28		
AM602	64		
AM604	64		

To fit rotor BR5553		Nos of tubes	
Part nos	Per rotor		
AM805	120		
AM820	84		
AM820	84		
AM802	168		
AM804	168		



Plain	No cap	round	1ml	6x45
Plain	No cap	round	3ml	10x60
Plain	No cap	round	5ml	12x75
Plain	No cap	round	6ml	12x82
Plain	No cap	round	7ml	12x100
Plain	No cap	round	9/10ml	14x100
Plain	No cap	round	15ml	17x100
Plain	No cap	round	25ml	24x100
Plain	No cap	round	50ml	34x100
Plain	No cap	round	100ml	45x100
Plain	No cap	round	150ml	52x100
Plain	No cap	round	250ml	62x100

AR501	48		
AR503	32		
AR505	32		
AR505	32		
AR507	32		
AR509	28		
AR515	28		
AR525	12		
AR550	4		
AR5100	4		
N/A	N/A		
N/A	N/A		

AR601	48		
AR603	32		
AR605	32		
AR605	32		
AR607	32		
AR609	28		
AR615	28		
AR625	12		
AR650	8		
AR6100	4		
AR6150	4		
BUCKET	4		

AR801	144		
AR803	96		
AR805	96		
AR805	96		
AR807	96		
AR809	96		
AR815	52		
AR825	28		
AR850	16		
AR8100	8		
AR8150	4		
AR8250	4		

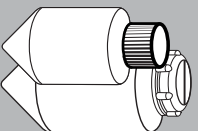


Falcon with cap	Point	15ml	17x120
Falcon with cap	Point	50ml	29x115
Falcon with cap	Point	175ml	61x118

AF515	8		
AF550	4		
N/A	N/A		

AF615	16		
AF650	4		
AF6175	4		

AF815	40		
AF850	16		
AF8175	4		



Corning with cap	Point	250ml	60x172
Corning with cap	Point	500ml	98x148

N/A	N/A		
N/A	N/A		

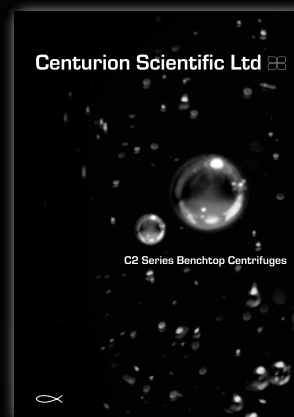
N/A	N/A		
N/A	N/A		

AF8250	4		
AF8500	4		

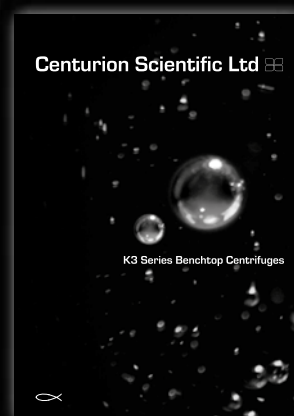
Other ranges available

please ask for details

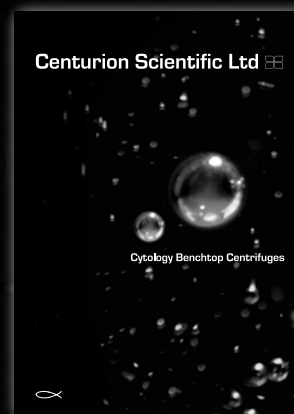
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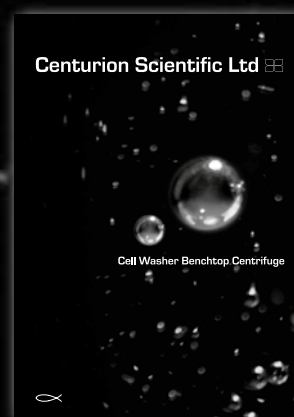
K3



Cytology



Cell
Washer



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