

PrO-Vet Centrifuges

Veterinary, Equine & Cytology





Welcome To Our New PrO-Vet Range

Designed with the busy veterinarian in mind and derived from our long running LED and LCD display centrifuges spanning over 27 years of Centrifuge manufacturing.

Simplicity of use is paramount and places the emphasis accordingly.

All are supplied with rotor or a combination of additional available rotors.

If the PrO-Vet does not cover your needs please look at our global web site.

Centurion have the largest range of benchtop centrifuges in the world.



Ease of Use

Using four parameters, you choose your speed and press go. One of four LID lights will glow to show your selection. Once finished, a buzzer will sound and you simply press lid open to retrieve your samples. Locking of the lid during a run is standard to all of this range.

We take safety very seriously and ALL centrifuges have locked lid protection, you cannot open until the run has stopped.

See our user, standard and safety features on the page opposite.

From the start of 2016 all Centrifuges and rotors carry a 3 year warranty.

That is how confident we are of our quality and resilience.

We reserve the right to make changes with ongoing research and development

PrO-Vet Veterinary Centrifuges

User features to PrO-Vet	Advantages
LID display of four memories	Clarity & ease of use
Fixed acceleration & deceleration rates	Sample assistance
4 programs of speed and time	Multi users
Sound <60Db	Quiet
Orientation acceleration rate	Prevents initial sample side deposits
Standard to PrO-Vet	Advantages
Extra thick Stainless steel bowl	Easy Clean & rust free
Port to Lid	Tachometer speed certification
Alloy & Steel frame with composite's	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
Safety features to PrO-Vet	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	Extra metal 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

Index

Page 4	PrO-Vet HE Haematocrit centrifuge & rotors
Page 5	PrO-Vet Serum centrifuge & rotors
Page 6	PrO-Vet PCVs Haematocrit / serum rotors
Page 7	PrO-Vet Cyto centrifuge, rotors & accessories
Page 8	PrO-Vet Multi centrifuges and rotors
Page 9	Adaptors available to above
Page 10	PrO-Equine centrifuge, rotor & adaptors
Page 11	Adaptors available to above

PrO-Vet HE

(230V 50/60Hz)



Display indicative only

1.PrO-Vet HE

(110V 60Hz)

Dims (HWD mm)	235x235x350
Weight (Kg)	13 (without rotor)
Power (watts)	140
Rotor	BRK5401 & BRK5424

Programs	Speed	Time
1. Haematocrit (Pcv)	12,000Rpm	300 Secs
2. Serum 1	6,000Rpm	600 Secs
3. Serum 2	5,000Rpm	300 Secs
4. Urine	3,500Rpm	300 Secs

Haematocrit & Microtube Rotor

Capillary 2 x 75mm

Included



Optional



Rotor	BRK5401	BRK5424
Rotor type (ml)	24 x capillary & 12 x 2	24x2ml
Tube size max (mm)	2x75 & 11x40	11x50
Minimum speed (Rpm)	500	500
Maximum speed (Rpm)	12,000	12,000
Maximum RCF (G)	13,500	13,500
Radius max (mm)	85	85
Sample tube angle (°)	0 & 60	45
Acceleration time (secs)	30	20
Deceleration time (secs)	30	20
Autoclaveable (frequency)	121°C (10)	121°C (10)

Accessories



Included

8003 PCV
Reader



Included

8014 Sealing
Clay



Available
Pack 1000

8012 Plain
capillary tubes



Available
Pack 1000

8013 Heperanised
capillary tubes

PrO-Vet Serum

(230V 50/60Hz)

1.PrO-Vet Serum

(110V 60Hz)



Display indicative only

Dims (HWD mm)	235x235x350
Weight (Kg)	13 (without rotor)
Power (watts)	140
Rotor	BRK5408

Programs	Speed	Time
1. Serum 1	6,000Rpm	180 Secs
2. Serum 2	6,000Rpm	240 Secs
3. Serum 3	5,000Rpm	300 Secs
4. Urine	3,500Rpm	300 Secs



Included

Reducers



Rotor	BRK5408
Part number	RM05
Tube size max (mm)	13x80
Part number	RM10
Tube size max (mm)	16x100

Rotor	BRK5408
Rotor type (ml)	8x15
Tube size max (mm)	17x120
Minimum speed (Rpm)	500
Maximum speed (Rpm)	6,000
Maximum RCF (G)	3,500
Radius max (mm)	85
Sample tube angle (°)	30
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclaveable (frequency)	121°c (10)

PrO-Vet PCVs

(230V 50/60Hz)



Display indicative only

1.PrO-Vet PCVs

(110V 60Hz)

Dims (HWD mm)	235x235x350
Weight (Kg)	13 (without rotor)
Power (watts)	140
Rotor	BRK5401 & BRK5408

Programs 5401	Speed	Time
1. Haematocrit (Pcv)	12,000Rpm	300 Secs
2. Serum 1	6,000Rpm	600 Secs
3. Serum 2	5,000Rpm	300 Secs
4. Urine	3,500Rpm	300 Secs

Programs 5408	Speed	Time
1. Serum 1	6,000Rpm	180 Secs
2. Serum 2	6,000Rpm	240 Secs
3. Serum 3	5,000Rpm	300 Secs
4. Urine	3,500Rpm	300 Secs

Serum (15ml max) & Haematocrit Rotor



Rotor	BRK5401	BRK5408
Rotor type (ml)	24 x capillary & 12 x 2	8x15
Tube size max (mm)	2x75 & 11x40	17x120
Minimum speed (Rpm)	500	500
Maximum speed (Rpm)	12,000	6,000
Maximum RCF (G)	13,500	3,500
Radius max (mm)	85	85
Sample tube angle (°)	0 & 60	30
Acceleration time (secs)	30	30
Deceleration time (secs)	30	30
Autoclaveable (frequency)	121°C (10)	121°C (10)

Accessories



Included
8003 PCV
Reader



Included
8014 Sealing
Clay



Available
Pack 1000
8012 Plain
capillary tubes



Available
Pack 1000
8013 Heperanised
capillary tubes

PrO-Vet Cyto

230V 50/60Hz

1.PrO-Vet Cyto

(110V 60Hz)



Display indicative only

Dims (HWD mm)	275x325x470
Weight (Kg)	22 (without rotor)
Power (watts)	160
Rotor	BRK4420 & BRK4430

Programs	Speed	Time
1. Low	200Rpm	600 Secs
2. Medium	500Rpm	600 Secs
3. High	1,000Rpm	500 Secs
4. Maximum	2,000Rpm	500Secs

Included



Optional



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

Comes with started pack of clips, holders and slides.

Accessories



4446 Double holder 1ml
(Pack of 24)



4444 Single Holder 1ml
(Pack of 24)



4600 Single holder 6ml
(Pack of 40)



4462 Stainless steel clip
(Single)

PrO-Vet Multi

(230V 50/60Hz)



Display indicative only

1.PrO-Vet Multi

(110V 60Hz)

Dims (HWD mm)	275x325x470
Weight (Kg)	22 (without rotor)
Power (watts)	160
Rotor	BRK5401 & BRK5505

Programs 5401	Speed	Time
1. Haematocrit (Pcv)	12,000Rpm	300 Secs
2. Serum 1	6,000Rpm	600 Secs
3. Serum 2	5,000Rpm	300 Secs
4. Urine	3,500Rpm	300 Secs

Programs 5505	Speed	Time
1. Sperm 1	3,500Rpm	480Secs
2. Sperm 2	1,275Rpm	840 Secs
3. Faeces	3,000Rpm	600 Secs
4. Urine	2,500Rpm	500 Secs

Swing Out Rotor

Haematocrit (Pcv) & 2ml

Accessories

Included



Included



Rotor	BRK5505	BRK5401
Rotor type (ml)	4x100	24 x capillary & 12 x 2
Tube size max (mm)	45x100	2x75 & 11x40
Minimum speed (Rpm)	500	500
Maximum speed (Rpm)	4,000	12,000
Maximum RCF (G)	2,200	13,500
Radius max (mm)	123	85
Sample tube angle (°)	0	0 & 60
Acceleration time (secs)	25	30
Deceleration time (secs)	25	30
Autoclaveable (frequency)	121°C (10)	121°C (10)



Included

8003 PCV Reader



Included

8014 Sealing Clay



Available
Pack 1000

8012 Plain capillary tubes












Available
Pack 1000

8013 Heparinized capillary tubes

Adaptor Chart

Adaptors for Swing out rotors

Tube type	Shape	Capacity	Size
 Micro with cap	point	0.5ml	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
 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
 Falcon with cap	point	15ml	17x120
Falcon with cap	point	50ml	29x115
Falcon with cap	point	175ml	61x118
Falcon with cap	point	15ml	17x120
 Corning with cap*	point	250ml	60x172
Corning with cap*	point	500ml	98x148
 Falcon with cap	square	12ml	17x100
Falcon with cap	square	25ml	25x90
Falcon with cap	square	30ml	25x110
Falcon with cap	square	50ml	29x115
Falcon with cap	square	15ml	17x120
 Nalgene/Oakridge	round	10ml	16x80
Nalgene/Oakridge	round	30ml	26x95
Nalgene/Oakridge	round	50ml	29x107
Nalgene/Oakridge	round	100ml	38x106
 Nalgene/Oakridge*	flat	250ml	62x130
Nalgene/Oakridge*	flat	750ml	98x153
 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	9-10ml	16x108
 Vacutainer	round	1.6-5ml	13x75
Vacutainer	round	4-7ml	13x10
Vacutainer	round	8.5-10ml	16x100

Adaptors

To fit rotor BRK5505 (Set 4)

Part nos	Nos of tubes per rotor
AM505	36
AM520	24
AM520	24
AM502	36
AM504	36
AR501	36
AR503	28
AR505*	28
AR505*	28
AR507*	28
AR509*	24
AR515*	8
AR525*	8
AR550*	4
AR5100*	4
N/A	
N/A	
AF515*	8
AF550*	4
N/A	
N/A	
See K242/R	
See K242/R	
AFS512	8
AFS525	4
AFS530	4
AFS550*	4
N/A	N/A
AN0510*	8
AN0530*	4
AN0550	4
AN0585	4
See K241/R	
See K243/R	
AM5014	24
AM503	24
AM529	24
AM503*	24
AM579*	24
AM550*	20
AM550*	20
AM590*	20
AV516*	24
AV550*	16
AV580*	12

Note: - We can not be held responsible if the tube manufacturers change the design and/or size of the tube.

* Limited capacity with sealed bucket lids (B5419 and B5319)



PrO-Equine

(230V 50/60Hz)

Equine centrifuge for all horse semen, embryo transfer, faeces & blood work.



Display indicative only

1.PrO-Equine

(110V 60Hz)

Dims (HWD mm)	275x325x470
Weight (Kg)	22 (without rotor)
Power (watts)	160
Rotor	BRK5505 Swing out
Speed (Rpm)	500 - 4,000
RCF Max (G)	2,200
Memory	10 Programs
Accel Rates	10 Programs
Decel Rates	10 Programs

Swing Out Rotor

Included



15ml adaptor



Included
Set of 4

50ml adaptor



Included
Set of 4










Rotor	BRK5505	AF515 17x 120ml	AF550 29 x 115ml
Rotor type (ml)	4x100		
Tube size max (mm)	45x100		
Minimum speed (Rpm)	500		
Maximum speed (Rpm)	4,000		
Maximum RCF (G)	2,200		
Radius max (mm)	123		
Sample tube angle (°)	0		
Acceleration time (secs)	25		
Deceleration time (secs)	25		
Autoclaveable (frequency)	121°C (10)		

Other adaptors available - see page 11



Adaptor Chart

Adaptors for Swing out rotors

Tube type	Shape	Capacity	Size
 Micro with cap	point	0.5ml	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
 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
 Falcon with cap	point	15ml	17x120
Falcon with cap	point	50ml	29x115
Falcon with cap	point	175ml	61x118
Falcon with cap	point	15ml	17x120
 Corning with cap*	point	250ml	60x172
Corning with cap*	point	500ml	98x148
 Falcon with cap	square	12ml	17x100
Falcon with cap	square	25ml	25x90
Falcon with cap	square	30ml	25x110
Falcon with cap	square	50ml	29x115
Falcon with cap	square	15ml	17x120
 Nalgene/Oakridge	round	10ml	16x80
Nalgene/Oakridge	round	30ml	26x95
Nalgene/Oakridge	round	50ml	29x107
Nalgene/Oakridge	round	100ml	38x106
 Nalgene/Oakridge*	flat	250ml	62x130
Nalgene/Oakridge*	flat	750ml	98x153
 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	9-10ml	16x108
 Vacutainer	round	1.6-5ml	13x75
Vacutainer	round	4-7ml	13x10
Vacutainer	round	8.5-10ml	16x100

Adaptors

To fit rotor BRK5505 (Set 4)

Part nos	Nos of tubes per rotor
AM505	36
AM520	24
AM520	24
AM502	36
AM504	36
AR501	36
AR503	28
AR505*	28
AR505*	28
AR507*	28
AR509*	24
AR515*	8
AR525*	8
AR509*	4
AR5100*	4
N/A	
N/A	
AF515*	8
AF550*	4
N/A	
N/A	
See K242/R	
See K242/R	
AFS512	8
AFS525	4
AFS530	4
AFS550*	4
N/A	N/A
AN0510*	8
AN0530*	4
AN0550	4
AN0585	4
See K241/R	
See K243/R	
AM5014	24
AM503	24
AM529	24
AM503*	24
AM579*	24
AM550*	20
AM550*	20
AM590*	20
AV516*	24
AV550*	16
AV580*	12

Note: - We can not be held responsible if the tube manufacturers change the design and/or size of the tube.

* Limited capacity with sealed bucket lids (B5419 and B5319)



Call us on: Tel +44(0)2392 631225

or email

General: info@centurionscientific.co.uk

Sales: sales@centurionscientific.co.uk

Head Office

The Old Stables, Church Farm,
Stoughton, Chichester, West Sussex,
PO18 9JL, United Kingdom.

Follow Centurion Scientific on social media



Distributed by:

Manufactured by:

Centurion Scientific Ltd

Email: info@centurionscientific.co.uk

www.centurionscientificglobal.com

