

PrO-Vet

By Centurion Scientific Ltd



25 years of
Excellence

Benchtop Centrifuges



CE marked and ISO 9001
regulated and now IVD certified too

Welcome to our new Pro-Vet range.

Designed with the busy Veterinarian in mind.

Derived from our Long running LED and LCD display centrifuges spanning over 25 years of Centrifuge manufacturing.

Simplicity of use, is paramount and places the emphasis accordingly. All are supplied with rotor or a combination of.

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

Centurion have the largest range in the world of Bench top Centrifuges

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 till the run has stopped.

See our User, Standard and Safety Features on the page opposite

From the start of 2014 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.

User features to PrO-Vet range	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 range	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 models)	Cooler running

Safety features to PrO-Vet range	Advantages
Multi point lid locking	Lid safety
Emergency lid release	Power failure release
Lid gas strut	Lid dropping safety
Lid lock detection	To run Lid must be shut
Imbalance detection	Easy "eye" volume loading
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 for Quality and medical Devices IEC 61010 and CE conformity test marks Emission, immunity to EN/IEC 61326-1, Class B

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PrO-VetHE



Display indicative only.

Dims HWD235 x 235 x 350mm

Weight.....12.8 Kg (without rotor)

Power.....125 watts

Rotor.....BRK5401 & BRK5424

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

Haematocrit & Microtube rotor



BRK5401

Rotors	
Rotor type	24 x Capillary & 12 x 2ml
Tube size max	2 x 75mm & 11 x 40mm
Minimum speed	500 Rpm
Maximum speed	12,000 Rpm
Maximum Rcf (G)	13500
Radius max cms	8.5
Sample tube angle (o)	0 & 60
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclaveable (frequency)	121°C (10)



NEW
High dome sealed
Polycarbonate lid
included

BRK5424

Rotor type	24 x 2ml
Tube size max	11 x 50mm
Minimum speed	500 Rpm
Maximum speed	12,000 Rpm
Maximum Rcf (G)	13500
Radius max cms	8.75
Sample tube angle (o)	45
Acceleration time (secs)	20
Deceleration time (secs)	20
Autoclaveable (frequency)	121°C (20)

Accessories



8003 PCV reader



8014 Sealing clay

Part Number	Description
8012	Plain Capillary tubes pack 1000
8013	Heperanised Capillary tubes pack 1000

PrO-VetSerum



Display indicative only.

Dims HWD235 x 235 x 350mm

Weight.....12.8 Kg (without rotor)

Power.....125 watts

Rotor.....BRK5408 & BRK5424

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

Serum Rotor to 15ml *Reducers available for 5 & 10ml*



Rotors	BRK5408
Rotor type	8 x 15ml
Tube size max	17 x 120mm
Minimum speed	500 Rpm
Maximum speed	6000 Rpm
Maximum Rcf (G)	3500
Radius max cms	8.50
Sample tube angle (o)	30
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclaveable (frequency)	121 °C (20)

Reducers



Rotor	BRK5408
Part number	RM05 (5ml)
Tube size max	13 x 80mm
Part number	RM10 (10ml)
Tube size max	16 x 100mm

PrO-VetPCVs



Display indicative only.

Dims HWD235 x 235 x 350mm
Weight.....12.8 Kg (without rotor)
Power.....125 watts
Rotor.....BRK5401 & BRK5408

Program	Speed	Time
Haematocrit (Pcv)	12,000Rpm	300Secs
Serum 1	6,000Rpm	600Secs
Serum 2	5,000Rpm	300Secs
Urine	3,500Rpm	300Secs
Program 5408	Speed	Time
Serum 1	6,000Rpm	180Secs
Serum 2	6,000Rpm	240Secs
Serum 3	5,000Rpm	300Secs
Urine	3,500Rpm	300Secs

Serum (15ml max) & Haematocrit Rotor



Rotors	BRK5401	BRK5408
Rotor type	24 x Capillary & 12 x 2ml	8 x 15ml
Tube size max	2 x 75mm & 11 x 40mm	17 x 120mm
Minimum speed	500 Rpm	500 Rpm
Maximum speed	12,000 Rpm	6000 Rpm
Maximum Rcf (G)	13500	3500
Radius max cms	8.5	8.50
Sample tube angle (o)	0 & 60	30
Acceleration time (secs)	30	30
Deceleration time (secs)	30	30
Autoclaveable (frequency)	121°C (10)	121°C (20)

Accessories



8003 PCV reader



8014 Sealing clay

Part Number	Description
8012	Plain Capillary tubes pack 1000
8013	Heperanised Capillary tubes pack 1000

PrO-VetLA



Display indicative only.

Dims HWD275 x 325 x 470mm

Weight.....21.8 Kg (without rotor)

Power.....175 watts

Rotor.....BRK5508M & BRK5412
or BRK5406

Program 5508M Speed		Time
Serum 1	4,000Rpm	400Secs
Serum 2	3,500Rpm	300Secs
Serum 3	3,000Rpm	300Secs
Urine	2,500Rpm	400Secs
Program 5412/06 Speed		Time
Seerum 1	4,000Rpm	480Secs
Sperm	3,000Rpm	840Secs
Faeces	3,000Rpm	600Secs
Urine	2,750Rpm	500Secs

Swing Out Rotor Fixed Angle 12 x 15 or 6 x 50ml



Rotors

BRK5508M

Rotor type	8 x 10ml
Tube size max	15 x 100mm
Minimum speed	500 Rpm
Maximum speed	4,000 Rpm
Maximum Rcf (G)	2200
Radius max cms	12.3
Sample tube angle (o)	0
Acceleration time (secs)	25
Deceleration time (secs)	25
Autoclaveable (frequency)	121°C (20)



BRK5412

BRK5406

12 x 15ml	6 x 50ml
17 x 120mm	30 x 120mm
500 Rpm	500 Rpm
6,000 Rpm	6,000 Rpm
3800	3800
9.5	9.5
30	30
25	25
25	25
121°C (20)	121°C (20)

Reducers



Rotor

BRK5412

BRK5406

Part number

RM05 (5ml)

RM15 (15ml)

Tube size max

13 x 80mm

17 x 120mm

Part number

RM10 (10ml)

RM25 (25ml)

Tube size max

16 x 100mm

25 x 100mm

PrO-VetMulti



Display indicative only.

Dims HWD275 x 325 x 470mm
Weight.....21.8 Kg (without rotor)
Power.....175 watts
Rotor.....BRK5401 & BRK5505

Program 5401	Speed	Time
Haematocrit (Pcv)	12,000Rpm	300Secs
Serum 1	6,000Rpm	600Secs
Serum 2	5,000Rpm	300Secs
Urine	3,500Rpm	300Secs
Program 5505	Speed	Time
Sperm	3,500Rpm	480Secs
Sperm	1,275Rpm	840Secs
Faeces	3,000Rpm	600Secs
Urine	2,500Rpm	500Secs

Swing Out Rotor

4 x 100ml max

Adaptors required see page 9



Rotor	BRK5505
Rotor type	4 x 100ml
Tube size max	45 x 100mm
Minimum speed	500 Rpm
Maximum speed	4,000 Rpm
Maximum Rcf (G)	2200
Radius max cms	12.3
Sample tube angle (o)	0
Acceleration time (secs)	25
Deceleration time (secs)	25
Autoclaveable (frequency)	121°C (20)

Sealed lids available set 4 Part Nos 5419



Rotors	BRK5401
Rotor type	24 x Capillary & 12 x 2ml
Tube size max	2 x 75mm & 11 x 40mm
Minimum speed	500 Rpm
Maximum speed	12,000 Rpm
Maximum Rcf (G)	13500
Radius max cms	8.5
Sample tube angle (o)	0 & 60
Acceleration time (secs)	30
Deceleration time (secs)	30
Autoclaveable (frequency)	121°C (10)

Accessories

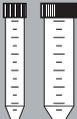
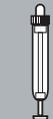


8003 PCV reader



8014 Sealing clay

Part Number	Description
8012	Plain Capillary tubes pack 1000
8013	Heperanised Capillary tubes pack 1000

Adaptors for Swing out rotors				Adaptors		
Tube type	Shape	Capacity	Size	To fit rotor BRK5505		
			WxH (mm)	Part nos	Nos of tubes per rotor	
	Micro with cap	point	0.5ml	8x20	AM505	36
	Micro with cap	point	1.5ml	11x38	AM520	24
	Micro with cap	point	2.0ml	11x38	AM520	24
	Micro with cap	point	0.2ml	6x20	AM502	36
	Micro with cap	point	0.4ml	6x30	AM504	36
	Plain No cap	round	1ml	6x45	AR501	36
	Plain No cap	round	3ml	10x60	AR503	28
	Plain No cap	round	5ml	12x75	AR505*	28
	Plain No cap	round	6ml	12x82	AR505*	28
	Plain No cap	round	7ml	12x100	AR507*	28
	Plain No cap	round	9/10ml	14x100	AR509*	24
	Plain No cap	round	15ml	17x100	AR515*	8
	Plain No cap	round	25ml	24x100	AR525*	8
	Plain No cap	round	50ml	34x100	AR550*	4
	Plain No cap	round	100ml	45x100	AR5100*	4
	Plain No cap	round	150ml	52x100	See K241/R	
Plain No cap	round	250ml	62x100	See K241/R		
	Falcon with cap	Point	15ml	17x120	AF515*	8
	Falcon with cap	Point	50ml	29x115	AF550*	4
	Falcon with cap	Point	175ml	61x118	See K241/R	
	Corning with cap*	Point	250ml	60x172	See K242/R	
	Corning with cap*	Point	500ml	98x148	See K242/R	
	Falcon with cap	Square	12ml	17x100	AFS512*	8
	Falcon with cap	Square	25ml	25x90	AFS525	4
	Falcon with cap	Square	30ml	25x110	AFS530	4
	Falcon with cap	Square	50ml	29x115	AFS550*	4
	Falcon with cap	Square	15ml	17x120	N/A	N/A
	Nalgene/Dakridge	Round	10ml	16x80	ANO510*	8
	Nalgene/Dakridge	Round	30ml	26x95	ANO530*	4
	Nalgene/Dakridge	Round	50ml	29x107	ANO550*	4
	Nalgene/Dakridge	Round	85ml	38x106	ANO585	4
	Nalgene/Dakridge*	Flat	250ml	62x130	See K241/R	
	Nalgene/Dakridge*	Flat	750ml	98x153	See K243/R	
	Monovette	Square	1.1-1.4ml	8x82	AM5014	24
	Monovette	Square	2.7-3ml	11x82	AM503	24
	Monovette	Square	2.6-2.9ml	13x81	AM529	24
	Monovette	Square	4.5-5ml	11x108	AM503*	24
	Monovette	Square	7.5-8.2ml	13x106	AM579*	24
	Monovette	Square	4-5.5ml	15x92	AM550*	20
	Monovette	Square	7.5-8.2ml	15x108	AM550*	20
	Monovette	Square	9-10.0ml	16x108	AM590*	20
	Vacutainer	Round	1.6-5.0ml	13x75	AV516*	24
	Vacutainer	Round	4-7.0ml	13x100	AV550* INCLUDED	16
	Vacutainer	Round	8.5-10.0ml	16x100	AV580*	12

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

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

PrO-VetCyto



Display indicative only.

Dims HWD275 x 325 x 470mm
Weight.....21.8 Kg (without rotor)
Power.....175 watts
Rotor.....4420 or 4430

Programs	Speed	Time
Slow	200Rpm	600Secs
Medium	500Rpm	600Secs
High	1,000Rpm	500Secs
Maximum	2,000Rpm	500Secs

Cytology & Histology

Designed for small and larger Veterinary laboratories. Although the unit is supplied with a standard 4 place rotor, at extra cost you can double your volume throughput and purchase the 8 place rotor. Both types accept the same clips and sample receptacles .

Pre programmed with 4 typical types , analysis has never been easier.

Although simple in use , the quality has not been compromised. Using the same electric motors and Inverter as our Research range, which have only the best top brands from Europe installed in them. We guarantee quality and to this end our warranty is 3 years.

Please see the opposite page for details on the rotors, clips and holders available.

Rotor Cytology

Using centrifugal force to separate and deposit a monolayer of cells onto slides whilst maintaining cellular 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, Immunochemistry, Virology, Serology and Microbiology.

Offering samples from 0.1ml to 6ml and an extensive range of accessories we have your Cytology needs covered.



Rotors

4420

4430

Rotor type

4 x 0.2ml to 6ml

8 x 0.2ml to 6ml

Holders

Single or double

Single or double

Minimum speed

200 Rpm

200 Rpm

Maximum speed

2,000 Rpm

2,000 Rpm

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

Autoclaveable (frequency)

121°C (10)

121°C (10)

Cytology rotor includes Rotor, sealed lid, Clips, 24 x holders with filter card & 100 slides

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



MADE IN BRITAIN
DISTRIBUTED WORLDWIDE

**To review all our ranges
please visit our global website**



www.centurionscientificglobal.com

