

# PrO-Research

a division of

**CENTURION**  
SCIENTIFIC LIMITED

## Floor centrifuge range 4 Litre

LCD touch screen control panel



**Research,  
Pharmaceuticals  
& Universities**

2022.2

# PrO-Research Centrifuge Features

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
LCD touch screen control	Clarity & ease of use
Rotor recognition	Safe selection of rotors
10 acceleration rates & 10 deceleration rates	Sample assistance
99 program memory	Multi department & Users
Timer 0-99, Hours & Hold in 1 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	Stops the run if out of balance
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

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## 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.

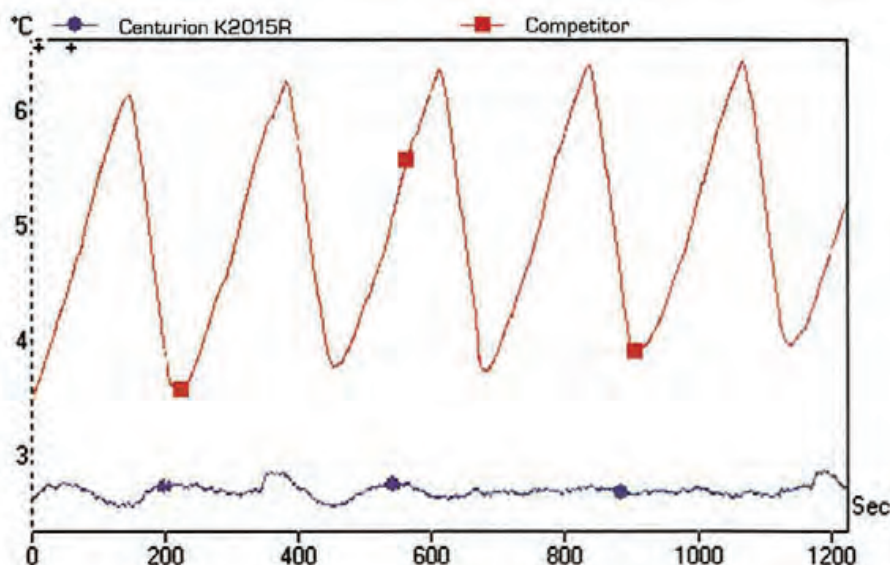
By using both cold and hot we “balance” the set temperature. As we have been using this method for over 27 years it is a proven technology.

#### 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.



## Floor Centrifuges to 4Litre max Prime multi rotor Centrifuges

### K2FS4/R Floor Standing Centrifuge (4L Max)



Display indicative only

#### K2FS4 Ambient

K2FS4.(230V 50/60Hz). 1.K2FS4.(110V 60Hz)

<b>Speed</b>	15,000 Rpm max(1 Rpm steps)
<b>Rcf Max</b>	10 - 24,000 G
<b>Timer</b>	0-99hours & Hold (1 sec steps)
<b>Dims HWD</b>	1000 x 575 x 660mm
<b>Weight</b>	80 Kg (without rotor)
<b>Power</b>	1200 Watts
<b>Memory</b>	99 programs
<b>Accel rates</b>	10 programs
<b>Decel rates</b>	10 programs

#### K2FS4R Refrigerated

K2FS4R.(230V 50/60Hz). 1.K2FS4R.(110V 60Hz).

<b>Speed</b>	15,000 Rpm max(1 Rpm steps)
<b>Rcf Max</b>	10 - 24,000 G
<b>Timer</b>	0-99hours & Hold (1 sec steps)
<b>Dims HWD</b>	1000 x 575 x 660mm
<b>Weight</b>	115 Kg (without rotor)
<b>Power</b>	1200 Watts
<b>Memory</b>	99 programs
<b>Accel rates</b>	10 programs
<b>Decel rates</b>	10 programs
<b>Temp</b>	-10°C to + 40°C PID Controlled to + / - 1°C

The following pages show available rotors.

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# Swing out Rotor 4 x 1000ml Max. 4,500 Rcf (G)

## BRK3000

4 Litre max capacity

B4001 Bucket (set 4) REQUIRED.  
1000ml max per Bucket



Shown with optional B5319 sealed lids

**Adaptors** required see following page

<b>Rotor/Buckets</b>	<b>BRK3000. B4001 Buckets</b>
Tube size max	98 x 180mm
Minimum Rcf (G)	10
Maximum Speed	4000Rpm
Maximum Rcf (G)	4500
Radius max cms	25.5
Sample tube angle °	0
Acceleration time (secs)	45
Deceleration time (secs)	60
Autoclavable (frequency)	121°C (20)
Minimum Temperature @ 23°C	4°C

## Adaptors for Buckets. B4001 Pack of 4

Capacity	Size. mm	Part Number	Tubes per rotor
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**Tube type: Micro with cap. Shape: Point**

0.5ml	8 x 20	AM805-4	288
1.5ml	11 x 38	AM820-4	184
2.0ml	11 x 38	AM820-4	184
0.2ml	6 x 20	AM802-4	336
0.4ml	6 x 30	AM804-4	336

**Tube type: Plain no cap. Shape: Round**

1ml	6 x 45	AR801-4	168
3ml	10 x 60	AR803-4	96
5ml	12 x 75	AR805-4	96
6ml	12 x 82	AR806-4	96
7ml	12 x 100	AR807-4	96
9/10ml	14 x 100	AR809-4	84
15ml	17 x 100	AR815-4	48
25ml	24 x 100	AR825-4	28
50ml	34 x 100	AR850-4	16
100ml	45 x 100	AR8100-4	8
125ml	52 x 100	AR8150-4	4
250ml	62 x 100	AR8250-4	4

**Tube type: Falcon with cap. Shape: Point**

15ml	17 x 120	AF815-4	36
50ml	29 x 115	AF850-4	24
175ml	61 x 118	AF8175-4	4

**Tube type: Falcon with cap. Shape: Square**

12ml	17 x 100	AFS812-4	48
15ml	17 x 120	AFS815-4	48
25ml	25 x 90	AFS825-4	28
30ml	25 x 110	AFS830-4	28
50ml	29 x 115	AFS850-4	24

**Tube type: Corning with cap. Shape: point**

250ml	60 x 172	AF8250-4	4
500ml	98 x 148	AF8500-4	4

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

10ml	15 x 80	ANO810-4	64
30ml	26 x 95	ANO830-4	28
50ml	29 x 107	ANO850-4	24
100ml	38 x 106	ANO8100-4	12
250ml	62 x 133	ANO8250-4	4

**Tube type: Nalgene. Oakridge with cap. Shape: Square**

250ml	60 x 172	ANO8252-4	4
500ml	98 x 148	AH2695R	4 No lid
750ml	60 x 160	AH2695R	4 No lid
1000ml	98 x 170	AH2695R	4 No lid

**Tube type: Monovette. Shape Square**

1.1-1.4ml	8 x 82	AM801-4	112
2.7-3ml	11 x 82	AM803-4	76
2.6-2.9ml	13 x 81	AM829-4	76
4.5-5ml	11 x 108	AM845-4	76
7.5-8.2ml	13 x 106	AM879-4	76
4.5-5ml	15 x 92	AM850-4	64
9-10ml	16 X 108	AM890-4	64

**Tube type: Vacutainer. Shape: Round also Vacuette**

1.6-5ml	13 x 82	AV816-4	76
4-7ml	13 x 106	AV850-4	76
7-9ml	15 x 92	AV870-4	64
8.5-10ml	16 x 108	AV880-4	64



# 8 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



# Rotor Details

## Rotors 16,100 Rcf (G)

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Rotor	BRK5256
Rotor type	6 x 250ml
Tube size max	62 x 130mm
Minimum Rcf (G)	10
Maximum Rcf (G)	16,100
Maximum Speed	10,000
Radius max cms	14.4
Sample tube angle °	30
Acceleration time (secs)	90
Deceleration time (secs)	180
Autoclavable (frequency)	121°C (10)

### Refrigerated Centrifuges Only

Minimum Temperature 4°C

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

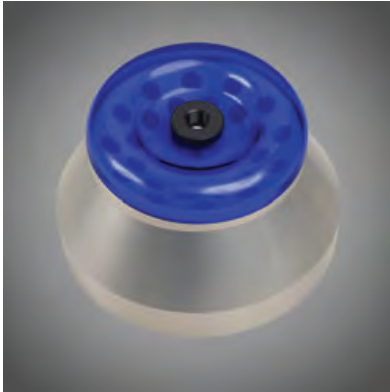
### Reducers pack of 4

<b>Rotor</b>	BRK5256			
<b>Part number</b>	RX10 (10ml)	RX25 (25ml)	RX50 (50ml)	RX15 (15ml)
<b>Tube size max</b>	16 x 100mm	25 x 100mm	35 x 110mm	17 x 120mm
<b>Part number</b>	RX85 (85ml)	RX100 (100ml)	RX175 (175ml)	
<b>Tube size max</b>	39 x 110mm	48 x 110mm	62 x 121mm	



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## High Speed fixed angle rotors to 13,400 Rcf (G)



Sealed lid included

Rotor	BRK5224	BRK5208	BRK5210
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)	13,400	13,400	13,400
Maximum Speed	10,000	10,000	10,000
Radius max cms	12	12	12
Sample tube angle °	30	30	30
Acceleration time (secs)	70	70	70
Deceleration time (secs)	130	130	130
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)
<b>Refrigerated Centrifuges Only</b>			
Minimum Temperature	4°C	4°C	4°C
At maximum speed (relative to room temperature at 23°C)			

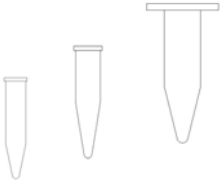
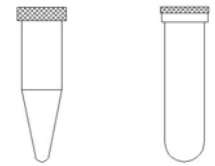
See following pages for Reducers available

## Reducers Fixed angle rotor BRK5224 Pack of 4 (Tubes per rotor 24)

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

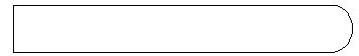
**Tube type: Micro with cap. Shape: Point**

			Outer	Inner
0.2ml	6 x 20	RS.620	9700	7800
0.4ml	6 x 30	RS.630	10300	8300
0.5ml	8 x 20	RS.820	9700	7800
1.5ml	11 x 38	RS.1138	10600	8600
2.0ml	11 x 38	RS.1138	10600	8600



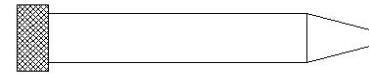
**Tube type: Plain no cap. Shape: Round**

1ml	6 x 45	RS.645	11000	9200
3ml	10 x 60	RS.1060	11700	9700
5ml	12 x 75	RS.1275	12200	10300
6ml	12 x 82	RS.1282	12800	10800
7ml	12 x 100	RS.12100	13400	11400
9/10ml	14 x 100	RS.14100	13400	11400
15ml	17 x 100	Not required	13400	11400



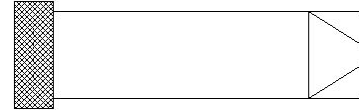
**Tube type: Falcon with cap. Shape: Point**

15ml	17 x 120	Not required	13400	11400
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**Tube type: Falcon with cap. Shape: Square**

12ml	17 x 100	Not required	13400	11400
15ml	17 x 120	Not required	13400	11400



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

10ml	15 x 80	RS.1580	12800	10800
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**Tube type: Monovette. Shape Square**

1.1-1.4ml	8 x 82	RU.882	12800	10800
2.7-3ml	11 x 82	RU.1182	12800	10800
2.6-2.9ml	13 x 81	RU.1381	12800	10800
4.5-5ml	11 x 108	RU.11108	13400	11400
7.5-8.2ml	13 x 106	RU.13106	13400	11400
4.5-5ml	15 x 92	RU.1592	13100	11100
9-10ml	16 X 108	Not required	13400	11400



**Tube type: Vacutainer. Shape: Round**

1.6-5ml	13 x 82	RU.1382	12800	10800
4-7ml	13 x 106	RU.13106	13400	11400
7-9ml	15 x 92	RU.1592	13100	11100
8.5-10ml	16 x 108	Not required	13400	11400



**Tube type: Vacuette. Shape: Round**

1.6-5ml	13 x 82	RU.1382	12800	10800
4-7ml	13 x 106	RU.13106	13400	11400
7-9ml	15 x 92	RU.1592	13100	11100
8.5-10ml	16 x 108	Not required	13400	11400

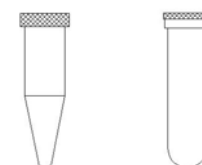


## Reducers Fixed angle rotor BRK5208 Pack of 4 (tubes per rotor 8)

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

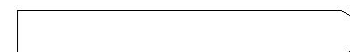
**Tube type: Micro with cap. Shape: Point**

0.2ml	6 x 20	RSB.620	8700
0.4ml	6 x 30	RSB.630	9200
0.5ml	8 x 20	RSB.820	8700
1.5ml	11 x 38	RSB.1138	9800
2.0ml	11 x 38	RSB.1138	9800



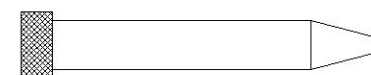
**Tube type: Plain no cap. Shape: Round**

1ml	6 x 45	RSB.645	10100
3ml	10 x 60	RSB.1060	11200
5ml	12 x 75	RSB.1275	12300
6ml	12 x 82	RSB.1282	12600
7ml	12 x 100	RSB.12100	13400
9/10ml	14 x 100	RSB.14100	13400
15ml	17 x 100	RSB.17100	13400
25ml	24 x 100	RSB.24100	13400



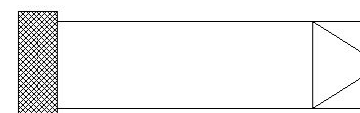
**Tube type: Falcon with cap. Shape: Point**

15ml	17 x 120	RUB.17120	13400
50ml	29 x 115	Not required	13400



**Tube type: Falcon with cap. Shape: Square**

12ml	17 x 100	RUB.17100	13400
15ml	17 x 120	RUB.17120	13400
25ml	25 x 90	RUB.2590	12300
30ml	25 x 110	RUB.25110	13400
50ml	29 x 115	Not required	13400



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

10ml	15 x 80	RUB.1580	11700
30ml	26 x 95	RUB.2695	12300
50ml	29 x 107	Not required	13400



**Tube type: Monovette. Shape Square**

1.1-1.4ml	8 x 82	RUB.882	11700
2.7-3ml	11 x 82	RUB.1182	11700
2.6-2.9ml	13 x 81	RUB.1381	11700
4.5-5ml	11 x 108	RUB.11108	13400
7.5-8.2ml	13 x 106	RUB.13106	13400
4.5-5ml	15 x 92	RUB.1592	12000
9-10ml	16 X 108	RUB.16108	13400



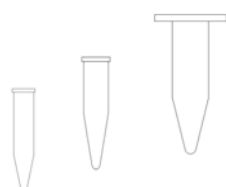
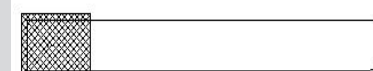
**Tube type: Vacutainer. Shape: Round**

1.6-5ml	13 x 82	RUB.1382	11700
4-7ml	13 x 106	RUB.13106	13400
7-9ml	15 x 92	RUB.1592	12000
8.5-10ml	16 x 108	RUB.16108	13400



**Tube type: Vacuette. Shape: Round**

1.6-5ml	13 x 82	RUB.1382	11700
4-7ml	13 x 106	RUB.13106	13400
7-9ml	15 x 92	RUB.1592	12000
8.5-10ml	16 x 108	RUB.16108	13400



## Reducers Fixed angle rotor BRK5210 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	8700
0.4ml	6 x 30	RSC.630	9200
0.5ml	8 x 20	RSC.820	8700
1.5ml	11 x 38	RSC.1138	9800
2.0ml	11 x 38	RSC.1138	9800

**Tube type: Plain no cap. Shape: Round**

1ml	6 x 45	RSC.645	10100
3ml	10 x 60	RSC.1060	11200
5ml	12 x 75	RSC.1275	12300
6ml	12 x 82	RSC.1282	12600
7ml	12 x 100	RSC.12100	13400
9/10ml	14 x 100	RSC.14100	134000
15ml	17 x 100	RSC.17100	13400
25ml	24 x 100	RSC.24100	13400
50ml	34 x 100	RSC.34100	13400

**Tube type: Falcon with cap. Shape: Point**

15ml	17 x 120	RUC.17120	13400
50ml	29 x 115	RUC.29115	13400

**Tube type: Falcon with cap. Shape: Square**

12ml	17 x 100	RUC.17100	13400
15ml	17 x 120	RUC.17120	4800
25ml	25 x 90	RUC.2590	13400
30ml	25 x 110	RUC.25110	13400
50ml	29 x 115	RUC.29115	13400

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

10ml	15 x 80	RUC.1580	11700
30ml	26 x 95	RUC.2695	12300
50ml	29 x 107	RUC.29107	13400
100ml	38 x 106	RUC.38106	13400

**Tube type: Monovette. Shape Square**

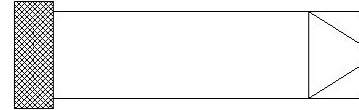
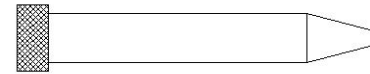
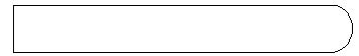
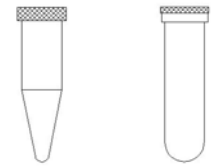
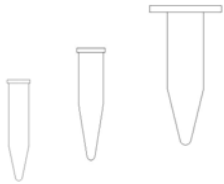
1.1-1.4ml	8 x 82	RUC.882	11700
2.7-3ml	11 x 82	RUC.1182	11700
2.6-2.9ml	13 x 81	RUC.1381	11700
4.5-5ml	11 x 108	RUC.11108	13400
7.5-8.2ml	13 x 106	RUC.13106	13400
4.5-5ml	15 x 92	RUC.1592	12000
9-10ml	16 X 108	RUC.16108	13400

**Tube type: Vacutainer. Shape: Round**

1.6-5ml	13 x 82	RUC.1382	11700
4-7ml	13 x 106	RUC.13106	13400
7-9ml	15 x 92	RUC.1592	12000
8.5-10ml	16 x 108	RUC.16108	13400

**Tube type: Vacuette. Shape: Round**

1.6-5ml	13 x 82	RUC.1382	11700
4-7ml	13 x 106	RUC.13106	13400
7-9ml	15 x 92	RUC.1592	12000
8.5-10ml	16 x 108	RUC.16108	13400



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



Sealed lid included

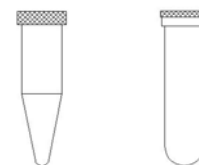
Rotor	BRK5324	BRK5308	BRK5100
Rotor type	24 x 15ml	8 x 50ml	6 x 100ml
Tube size max	17 x 120mm	30 x 120mm	45 x 125mm
Minimum Rcf (G)	10	10	10
Maximum Rcf (G)	4,800	4,800	4,800
Maximum Speed	6,000	6,000	6,000
Radius max cms	12	12	12
Sample tube angle °	30	30	30
Acceleration time (secs)	30	30	30
Deceleration time (secs)	35	35	35
Autoclavable (frequency)	121°C (10)	121°C (10)	121°C (10)
<b>Refrigerated Centrifuges Only</b>			
Minimum Temperature	4°C	4°C	4°C
At maximum speed (relative to room temperature at 23°C)			

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

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

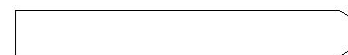
**Tube type: Micro with cap. Shape: Point**

			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



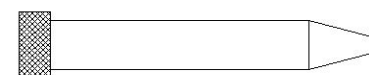
**Tube type: Plain no cap. Shape: Round**

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



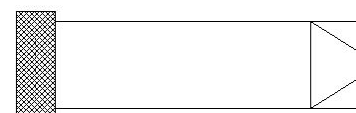
**Tube type: Falcon with cap. Shape: Point**

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



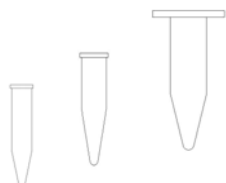
**Tube type: Vacutainer. Shape: Round**

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

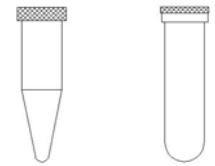


## Reducers Fixed angle rotor BRK5308 Pack of 4 (tubes per rotor 24)

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

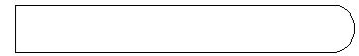
**Tube type: Micro with cap. Shape: Point**

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



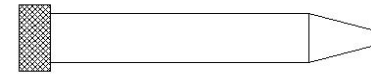
**Tube type: Plain no cap. Shape: Round**

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



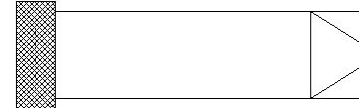
**Tube type: Falcon with cap. Shape: Point**

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**

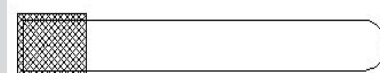
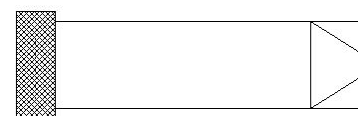
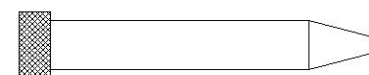
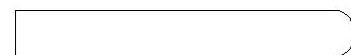
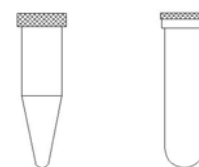
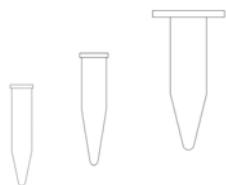
1.1-1.4ml	8 x 82	RUC.882	4200
2.7-3ml	11 x 82	RUC.1182	4200
2.6-2.9ml	13 x 81	RUC.1381	4200
4.5-5ml	11 x 108	RUC.11108	4800
7.5-8.2ml	13 x 106	RUC.13106	4800
4.5-5ml	15 x 92	RUC.1592	4300
9-10ml	16 X 108	RUC.16108	4800

**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 Micro rotors to 22,000 Rcf (G)



Supplied with Sealed lid

Rotor	BRK5424	BRK5436	BRK5448	BRK5494
Rotor type	24 x 2.2ml	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)

## Reducers pack of 4

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

## Reducers pack of 4

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



# WolfLabs

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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.

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