

**ZERO
COMPROMISE MODELS**

- BRUSHLESS
- ECONOMICAL



R-8C Plus



R-8M Plus

Laboratory Centrifuges model R-8C Plus & R-8M Plus are suitable for routine sample analysis in Medical, Hospital, Pathology and heads and adaptors, those units are truly versatile.

Micro Centrifuges models R-12C Plus are ideal for growing routine application in biochemical and clinical labs, for Haematocrit, Corpuscle Percentage contents in blood, Serum analysis and precipitate separation etc.

Salient Features:

- Automatic rotor identification, ensures operator safety
- Stainless Steel centrifuge Chamber, easy to clean
- Brushless Induction motor with variable frequency drive
- Microprocessor controller with digital display
- Stable speed output even under unstable voltage conditions
- Smooth & soft start
- Inverter fault detection with auto shutdown
- 7 segment LED display of speed (R-8C Plus/R-12C Plus)

- Alphanumeric LCD display of speed & RCF (R-8M Plus)
- Selection of 3 acceleration & deceleration profiles (R-8M Plus)
- Digital countdown timer & continuous run
- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection & centrifugation stop with display of error
- Dynamic brake for quick deceleration
- Motor overload protection
- Gas hinge to prevent door falling
- Emergency lid lock release
- Last set parameters recall (Useful for repetitive analysis)
- Wide variety of rotors & reduction adaptors
- Spin mode (R-12C Plus)

Technical Data			
Models		R-8C Plus R-8M Plus	R-12C Plus
Max. Speed	rpm	6000	16000
Max. RCF	'g'	5070	25900
Max. Capacity	ml	400	60
Digital timer range	Min	0-99	0-99
Noise		≤ 60 dB	≤ 60 dB
WxDxH	mm	390x470x290	390x470x290

Supply: 220-240Volts 50 Hz Single Phase.

Specifications subject to change without notice



Swing Out Rotors for R-8C Plus & R-8M Plus

Image of Tube	Swing Out Rotor S 4-100 Max. Speed RPM 4000 Max RCF (g) 2500				Metal Buckets suitable for Swing Out Rotor S 4-100						
					B 100			B 9-5			
Tube Capacity (ml)	100	100	50	50	50	30	15	15	10	5/7	5/7
Type of Tube	Glass	Nalgene® Oak Ridge	Glass	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
Bucket No.	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 9-5
Insert or Cushion No.	C 100R Included	I 100N	RE 100-50 (OLD - RA-157)	RE 100-50FR (OLD - RA-161F)	RE 100-50N	RE 100-30N	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)	-
No of tubes/Insert	1	1	1	1	1	1	3	1	3	4	9
No of tubes/rotor	4	4	4	4	4	4	12	4	12	16	36
Ø x L (mm)	45.5 x 104	38 x 108.5	30 x 110	29 x 116	28 x 111	25 x 97	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106	12.5 x 81
Tubes supplied	Yes	No	Yes	No	No	No	Yes	No	No	No	No

Swing Out Rotor S 4-100 with Max. speed of 4500rpm, Max rcf (g) 3170 also available on Request

Swing Out Rotor S 8-15 Max. Speed RPM 4500 Max RCF (g) 3440 	Image of Tube							
	Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
	Type of Tube	Glass	Conical	Glass	Blood Collection Tube(Long)	Blood Collection Tube (Short)	Glass	Glass
	Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1	1
	No of tubes/rotor	8	8	8	8	8	8	8
	Ø x L (mm)	17 x 110	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
	Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

Swing Out Rotor S 6-50 Max. Speed RPM 4500 Max RCF (g) 3530 	Image of Tube							
	Tube Capacity (ml)	50	50	50	30	15	15	10
	Type of Tube	Glass	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Conical	Glass	Blood Collection Tube
	Insert or Cushion No.	C 50R Included	C 50F	I 50N	RE 50-30NS	RE 50-15FR (OLD - RA-501F)	RE 50-15RR (OLD - RA-501)	RE 50-10R (OLD - RA-164)
	No of tubes/Insert	1	1	1	1	1	1	1
	No of tubes/rotor	6	6	6	6	6	6	6
	Ø x L (mm)	30 x 110	29 x 116	28 x 111	25 x 97	16.5 x 120	17 x 110	15.5 x 106
	Tubes supplied	Yes	No	No	No	No	Yes	No

Swing Out Rotor S 24-15 Max. Speed RPM 4500 Max RCF (g) 3330 	Image of Tube						
	Tube Capacity (ml)	15	8	5/7	5/7	5	3
	Type of Tube	Glass	Glass	Blood Collection Tube(Long)	Blood Collection Tube (Short)	Glass	Glass
	Insert or Cushion No.	C 15R Included	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
	No of tubes/Insert	1	1	1	1	1	1
	No of tubes/rotor	24	24	24	24	24	24
	Ø x L (mm)	17 x 110	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
	Tubes supplied	Yes	Yes	No	No	Yes	Yes

Specifications subject to change without notice

Swing Out Rotor S 16-15

Max. Speed RPM 4500

Max RCF (g) 3400

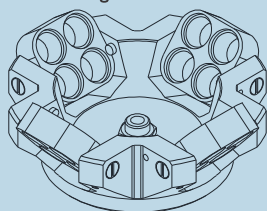
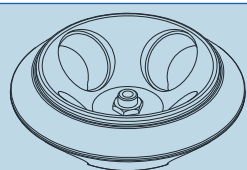


Image of Tube							
Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
Type of Tube	Glass	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass
Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
No of tubes/Insert	1	1	1	1	1	1	1
No of tubes/rotor	16	16	16	16	16	16	16
Ø x L (mm)	17 x 110	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

Angle Rotors for R-8C Plus & R-8M Plus


Angle Rotor A 4-100

Max. Speed RPM 6000

Max RCF (g) 4750

Image of Tube											
Tube Capacity (ml)	100	100	50	50	50	30	15	15	15	10	5/7
Type of Tube	Plastic	Nalgene® Oak Ridge	Conical	Glass	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Glass	Conical	Blood Collection Tube	Blood Collection Tube (Long)
Insert or Cushion No.	C 100R Included	I 100NR	RE 100-50FR (OLD - RA-161F)	RE 100-50RR (OLD - RA-161)	RE 100-50NR	RE 100-30NR	(OLD - RA-160)	RE 100-15R(3) (OLD - RA-166)	RE 100-15FR (OLD - RA-160F)	RE 100-10(3) (OLD - RA-168)	RE 100-5/7L(4) (OLD - RA-167)
No of tubes/Insert	1	1	1	1	1	1	1	3	1	3	4
No of tubes/rotor	4	4	4	4	4	4	4	12	4	12	16
Ø x L (mm)	45.5 x 104	38 x 108.5	29 x 116	30 x 110	28 x 111	25 x 97	17 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
Tubes supplied	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No

Angle Rotor AR 6-50

Max. Speed RPM 6000

Max RCF (g) 4870

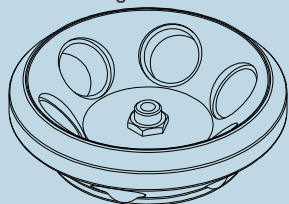


Image of Tube							
Tube Capacity (ml)	50	50	50	30	15	15	10
Type of Tube	Plastic	Conical	Nalgene® Oak Ridge	Nalgene® Oak Ridge	Glass	Conical	Blood Collection Tube
Insert or Cushion No.	C 50R Included	C 50F	I 50N	RE 50-30NL	RE 50-15RR (OLD - RA-501)	RE 50-15FR (OLD-RA-501F)	RE 50-10R (OLD-RA-164)
No of tubes/Insert	1	1	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6	6	6
Ø x L (mm)	30 x 100	29 x 116	28 x 111	25 x 97	17 x 110	16.5 x 120	15.5 x 106
Tubes supplied	Yes	No	No	No	Yes	No	No

Angle Rotor A 24-15

Max. Speed RPM 6000

Max RCF (g) 5070

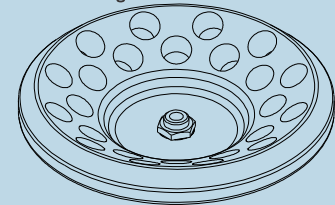


Image of Tube							
Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
Type of Tube	Plastic	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass
Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
No of tubes/Insert	1	1	1	1	1	1	1
No of tubes/rotor	24	24	24	24	24	24	24
Ø x L (mm)	17 x 102	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

Angle Rotor A 12-15

Max. Speed RPM 6000

Max RCF (g) 5000

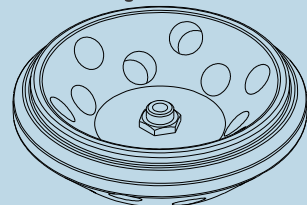
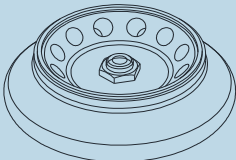


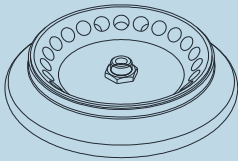
Image of Tube							
Tube Capacity (ml)	15	15	8	5/7	5/7	5	3
Type of Tube	Plastic	Conical	Glass	Blood Collection Tube (Long)	Blood Collection Tube (Short)	Glass	Glass
Insert or Cushion No.	C 15R Included	C 15F	RE 15-8R (OLD - RA-154)	RE 15-5/7LR (OLD - RA-163)	RE 15-5/7SR (OLD - RA-162)	RE 15-5R (OLD - RA-153)	RE 15-3R (OLD - RA-152)
No of tubes/Insert	1	1	1	1	1	1	1
No of tubes/rotor	12	12	12	12	12	12	12
Ø x L (mm)	17 x 102	16.5 x 120	12 x 100	12.5 x 106	12.5 x 81	12 x 75	10 x 75
Tubes supplied	Yes	No	Yes	No	No	Yes	Yes

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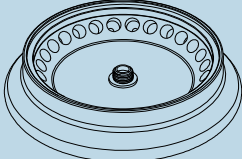
Angle Rotors for R-12C Plus

Angle Rotor AR 12-2 Max speed RPM 16000 Max RCF (g) 17200 	Image of Tube				
	Tube Capacity (ml)	2	1	0.5	0.2
	Type of Tube	Micro	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-1	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1	1
	No of tubes/rotor	12	12	12	12
	Ø x L (mm)	11 x 41	7.5 x 49	7.5 x 31	6 x 22
	Tubes supplied	No	No	No	No

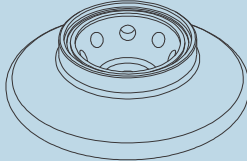
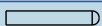
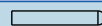
(Rotor supplied with all suitable inserts)

Angle Rotor AR 24-2 Max speed RPM 15000 Max RCF (g) 21000 	Image of Tube			
	Tube Capacity (ml)	2	0.5	0.2
	Type of Tube	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1
	No of tubes/rotor	24	24	24
	Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
	Tubes supplied	No	No	No

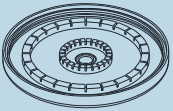
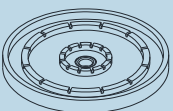
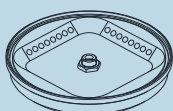
(Rotor supplied with all suitable inserts)

Angle Rotor AR 28-1.5 Max speed RPM 16000 Max RCF (g) 25900 	Image of Tube			
	Tube Capacity (ml)	1.5	0.5	0.2
	Type of Tube	Micro	Micro	Micro
	Insert or Cushion No.	No	RE 2-05	RE 2-02
	No of tubes/Insert	-	1	1
	No of tubes/rotor	28	28	28
	Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
	Tubes supplied	No	No	No

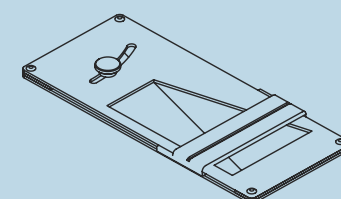
(Rotor supplied with all suitable inserts)

Angle Rotor AR 8-5 Max speed RPM 11850 Max RCF (g) 13500 	Image of Tube			
	Tube Capacity (ml)	5	4	2
	Type of Tube	Plastic	Plastic	Micro
	Insert or Cushion No.	No	RE 5-4	RE 5-2
	No of tubes/Insert	-	1	1
	No of tubes/rotor	8	8	8
	Ø x L (mm)	12 x 76	10 x 75	11 x 41
	Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)

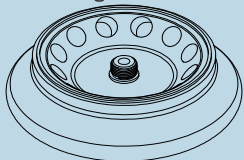
Image of Angle Rotors			
Model	AR 24-75 HE	AR 12-75 HE	P 4-8
Max speed RPM	12000	12000	15000
Max RCF (g)	15300	15300	21000
Image of Tube			
Tube Capacity (ml)	-	-	4 strips of 8 PCR
Type of Tube	Capillary	Capillary QBC-II Plus	PCR
No of tubes/rotor	24	12	4
Ø x L (mm)	1 x 75	-	6 x 78
Tubes supplied	Yes	No	No

Reading Device RD 24-75



W x D x H

127 x 84 x 18

Angle Rotor AR 12-5 Max speed RPM 13000 Max RCF (g) 16000 	Image of Tube	
	Tube Capacity (ml)	5
	Type of Tube	Micro
	Insert or Cushion No.	No
	No of tubes/Insert	-
	No of tubes/rotor	12
	Ø x L (mm)	16 x 59
	Tubes supplied	No

Specifications subject to change without notice