



Laboratory Centrifuges



Rotors Heads Listing for RM-12C BL / R-12M			
Models	Capacity	Max. Speed RPM	Max. RCF 'g'
RM-1210	Micro Hematocrit Rotor for 24 Capillaries (75 mm long X 1 mm dia)	12000	15300
RM-1211	Micro Hematocrit Rotor for 12 capillaries (QBC -II Plus)	12000	15300
RM-1212	Heparinized capillary tubes (75 mm long X 1 mm dia)		
RM-1213	Reading Device for RM-1210		
Angle heads			
RM-1214	10 X 2ml with Glass Tubes & reduction adaptors of 1ml & 0.5ml	16000	16600
RM-1215	24 X 1.5ml with Tapered bottom Polypropylene tubes & reduction adaptors of 1ml & 0.4ml	11850	12715
RM-1216	8 X 5ml with round bottom Polypropylene tubes & reduction adaptors of 4ml & 2ml	11850	13500
RM-1217	4 strips of 8 X 0.2ml (PCR Strip Tubes)	12000	11910



RM-1217
(4 x 8 PCR Strips of 0.2ml)



RM-1215
(24 x 1.5ml)



RM-1210
(Micro Hematocrit Rotor)



R-90
(4 x 100 ml with Bio-safety Caps)



R-81
(16 X 15 ml)

LAB/LC/2013/09



Specifications subject to change without notice



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Laboratory Centrifuges model **R-8C BL & R-8M** are suitable for routine sample analysis in Medical, Hospital, Pathology and Institutional laboratories. With a wide choice of rotor heads and adaptors, these units are truly versatile.

Micro Centrifuges models **RM-12C BL & R-12M** are ideal for growing routine application in biochemical and clinical labs, for Hematocrit, Corpuscle Percentage contents in blood, Serum analysis and precipitate separation etc.

Performance

- Stable speed output even under unstable voltage conditions
- Low sample temperature rise
- High Capacity (**R-8C BL / R-8M**)
- High Speed (**RM-12C BL / R-12M**)
- Wide variety of rotors & reduction adaptors

Leading Technology

- Brushless Induction motor with variable frequency drive
- Microprocessor controller with digital display
- Smooth & soft start
- Inverter fault detection with auto shutdown

User Friendly

- 7 segment LED display of speed
- Digital countdown timer & continuous run
- Dynamic brake for quick deceleration
- Last set parameters recall (Useful for repetitive analysis)
- Automatic door opening
- Stainless Steel centrifuge Chamber, easy to clean

Technical Data			
Models		R-8C BL R-8M	RM-12C BL R-12M
Max. Speed	rpm	6000	16000
Max. RCF	'g'	5070	16600
Max. Capacity	ml	400	40
Digital timer range	Min	0-59	0-15
W x D x H	mm	380x470x300	380 x 470 x 300

Supply:220-240Volts 50Hz Single Phase.

Safety

- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection & centrifugation stop with display of error
- Motor overload protection
- Gas hinge to prevent door falling
- Emergency lid lock release

Models R-8M & R-12M are advanced versions having following additional features:

- Feather touch setting keys
- Alphanumeric LCD display of speed & RCF
- Selection of 3 acceleration & deceleration profiles



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Rotor Heads Listing for R-8C BL / R-8M							
Models	Capacity	Max. Speed RPM	Max. RCF 'g'	Models	Capacity	Max. Speed RPM	Max. RCF 'g'
Swing out Heads (with graduated glass tubes)				Angle Heads (with polypropylene tubes)			
R-81	16 x 15 ml	4500	3485	R-83	16 x 15 ml	5250	4280
R-81 A	12 x 15 ml	4500	3485	R-83 A	12 x 15 ml	5250	4280
R-81 B	8 x 15 ml	4500	3440	R-83 B	8 x 15 ml	6000	4700
R-82	6 x 50 ml	4500	3530	R-84	6 x 50 ml	6000	4700
R-82A	4 x 50 ml	4500	3485	R-84 A	4 x 50 ml	6000	4700
R-90 (with Biosafety cap)	4 x 100 ml	4000	2500	R-88	4 x 100 ml	6000	4550
				R-89	24 x 15 ml	6000	5070

Reduction Adaptors for R-8C BL / R-8M														
Models	Capacity	R-81	R-81 A	R-81 B	R-82	R-82A	R-83	R-83 A	R-83B	R-84	R-84A	R-88	R-89	R-90
RA-151	1 x wintrob	✓	✓	✓	X	X	✓	✓	✓	X	X	X	X	X
RA-152	1 x 3ml	✓	✓	✓	X	X	✓	✓	✓	X	X	X	✓	X
RA-153	1 x 5ml	✓	✓	✓	X	X	✓	✓	✓	X	X	X	✓	X
RA-154	1 x 8ml	✓	✓	✓	X	X	✓	✓	✓	X	X	X	✓	X
RA-155	1 x 4ml	✓	✓	✓	X	X	✓	✓	✓	X	X	X	✓	X
RA-156	1 x 6ml	✓	✓	✓	X	X	✓	✓	✓	X	X	X	✓	X
RA-157	1 x 50ml	X	X	X	X	X	X	X	X	X	X	X	X	✓
RA-158	1 x 30ml	X	X	X	X	X	X	X	X	X	X	X	X	✓
RA-160	1 x 15ml	X	X	X	X	X	X	X	X	X	X	✓	X	X
RA-161	1 x 50ml	X	X	X	X	X	X	X	X	X	X	✓	X	X
RA-166	3 x 15ml	X	X	X	X	X	X	X	X	X	X	✓	X	✓
RA-501	1 x 15 ml	X	X	X	✓	✓	X	X	X	✓	✓	X	X	X
RA-502	1 x 30ml	X	X	X	✓	✓	X	X	X	✓	✓	X	X	X
Suitable for Falcon Tubes (without tubes)														
RA-501F	1 x 15ml	X	X	X	✓	✓	X	X	X	✓	✓	X	X	X
RA-160F	1 x 15ml	X	X	X	X	X	X	X	X	X	X	✓	X	✓
RA-161F	1 x 50ml	X	X	X	X	X	X	X	X	X	X	✓	X	✓
Suitable for Vacutainer Tubes (without tubes)														
RA-162	1 x upto 5ml (75 mm long)	✓	✓	✓	X	X	X	✓	X	X	X	X	X	X
RA-163	1 x upto 6ml (100 mm long)	✓	✓	✓	X	X	X	✓	X	X	X	X	X	X
RA-164	1 x upto 10 ml (100 mm long)	X	X	X	✓	✓	X	X	X	✓	✓	X	X	X
RA-167	4 x upto 6ml (100 mm long)	X	X	X	X	X	X	X	X	X	X	✓	X	✓
RA-168	3 x upto 10 ml (100 mm long)	X	X	X	X	X	X	X	X	X	X	✓	X	✓



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