

Laboratory / Micro Centrifuges

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

Micro Centrifuges model **RM-12C** is ideal for growing routine application in biochemical and clinical labs, for Hematocrit, Corpuscle Percentage contents in blood, Serum analysis and precipitate separation etc.

Salient features :

- Digital Speed Indicator
- Stepless speed regulator
- 0-99 minutes digital countdown timer
- Imbalance detector with cut off
- Safety Lid interlock to prevent cover opening during centrifugation
- Press Switch for quick acceleration to full speed (RM-12C)



R - 8C

| Technical Data | | | |
|----------------|-----|-----------------|-----------------|
| Models | | R-8C | RM-12C |
| Max. Speed | rpm | 5250 | 16000 |
| Max. RCF | 'g' | 300 | 16600 |
| Max. Capacity | ml | 300 | 40 |
| W x D x H | mm | 365 x 415 x 350 | 280 x 350 x 290 |

Supply: 220-240 Volts 50 Hz Single Phase.

Laboratory / Micro Centrifuges



R-8C BL

Laboratory Centrifuges model **R-8C BL** is suitable for routine sample analysis in Medical, Hospital Pathology and Institutional laboratories.

Salient Features :

- 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
- Low sample temperature rise
- Inverter fault detection with auto shutdown

- 7 segment LED display of speed
- 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

| Technical Data | | |
|---------------------|-----|-----------------|
| Models | | R-8C BL |
| Max. Speed | rpm | 6000 |
| Max. RCF | 'g' | 5070 |
| Max. Capacity | ml | 400 |
| Digital timer range | Min | 0-59 |
| W x D x H | mm | 380 x 470 x 300 |

Supply: 220-240 Volts 50 Hz Single Phase.

Rotor Heads Listing for R-8C / R-8C BL

| Models | Capacity | Max. Speed RPM | Max. RCF 'g' | Max. Speed RPM | Max. RCF 'g' | Models | Capacity | Max. Speed RPM | Max. RCF 'g' | Max. Speed RPM | Max. RCF 'g' |
|--|----------|----------------|--------------|----------------|--------------|--|----------|----------------|--------------|----------------|--------------|
| | | R-8C BL | | R-8C | | | | R-8C BL | | R-8C | |
| Swing out Heads (with graduated glass tubes) | | | | | | Angle Heads (with polypropylene tubes) | | | | | |
| R-81 | 16x15 ml | 4500 | 3485 | 4000 | 2750 | R-83 | 16x15 ml | 5250 | 4280 | 5250 | 3600 |
| R-81 A | 12x15 ml | 4500 | 3485 | 4000 | 2750 | R-83 A | 12x15 ml | 5250 | 4280 | 5250 | 3600 |
| R-81 B | 8x15 ml | 4500 | 3440 | 4200 | 3000 | R-83 B | 8x15 ml | 6000 | 4700 | 5250 | 3600 |
| R-82 | 6x50 ml | 4500 | 3530 | 4000 | 2800 | R-84 | 6x50 ml | 6000 | 4700 | 5250 | 3600 |
| R-82 A | 4x50 ml | 4500 | 3485 | 4000 | 2750 | R-84 A | 4x50 ml | 6000 | 4700 | 5250 | 3600 |
| R-90 (with Bisafety cap) | 4x100 ml | 4000 | 2500 | - | - | R-88 | 4x100 ml | 6000 | 4550 | - | - |
| | | | | - | - | R-89 | 24x15 ml | 6000 | 5070 | - | - |

Reduction Adaptors for R-8C / R-8C BL

| Models | Capacity | R-81 | R-81A | R-81B | R-82 | R-82A | R-83 | R-83A | 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 | ✓ |

Rotors Heads Listing for RM-12C

| Models | Capacity | Max. Speed RPM | Max. RCF 'g' |
|--------------------|--|----------------|--------------|
| RM-1210 | Micro Hematocrit Rotor for 24 Capillaries (75 X 1 mm) | 12000 | 15300 |
| RM-1211 | Micro Hematocrit Rotor for 12 capillaries (QBC -II Plus) | 12000 | 15300 |
| RM-1212 | Heparinized capillary tubes (75mm x 1 mm bore) | | |
| 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 | 12715 |
| RM-1217 | 4 strips of 8 X 0.2ml (PCR Strip Tubes) | 12000 | 11910 |