

Beckman Coulter Allegra 64R High Speed Centrifuge



Specifications

| | Allegra 64R |
|----------------------------|---|
| Maximum Speed (rpm) | |
| Fixed-Angle Rotor | 30,000 |
| Swinging-Bucket Rotor | 10,000 |
| Maximum RCF (x g) | |
| Fixed-Angle Rotor | 64,400 |
| Swinging-Bucket Rotor | 10,730 |
| Maximum Capacity | 6 x 85 mL |
| Temperature Range | -20° to 40° C |
| Run Time | 9 hr 59 min, hold |
| Drive | Brushless induction |
| Accel/Decel Rates | 10 independent profiles |
| Noise | < 65 dB |
| Safety Features | Automatic door interlock, imbalance detector, steel barrier ring around chamber, overspeed detection, over-temperature detection, re-entrant bowl |

Weights and Measures

| | Allegra 64R |
|----------------------------|-------------------|
| Weight | 225 lb (102.1 kg) |
| Width | 24 in (61 cm) |
| Depth | 26 in (66 cm) |
| Height, Door Closed | 15 in (38 cm) |
| Height, Door Open | 33 in (84 cm) |

Ordering Information

| Part No. | Description |
|----------|---|
| 367586 | Allegra 64R — High-Speed Refrigerated Benchtop Centrifuge, 60 Hz, 208 V |
| 367585 | Allegra 64R — High-Speed Refrigerated Benchtop Centrifuge, 60 Hz, 200 V |
| 367587 | Allegra 64R — High-Speed Refrigerated Benchtop Centrifuge, Europe |
| 367588 | Allegra 64R — High-Speed Refrigerated Benchtop Centrifuge, UK |
| 367584 | Allegra 64R — High-Speed Refrigerated Benchtop Centrifuge, 50 Hz, 200 V |

Rotors

| Part No. | Description | Max rpm | Max. RCF, g / Max RCF, g 4° C |
|---|--|---------|----------------------------------|
| 364670  | C0650 25° Fixed-Angle Rotor <ul style="list-style-type: none">• 6 x 50 mL conical tubes | 10,000 | 10,400 10,400 |
| 364680  | C1015 25° Fixed-Angle Rotor <ul style="list-style-type: none">• 10 x 15 mL conical tubes | 10,000 | 10,400 10,400 |
| 361231  | F0630 30° Fixed-Angle Rotor <ul style="list-style-type: none">• 6 x 30 mL tubes | 26,200 | 59,860 40,310 |
| 364620  | F0485 Fixed-Angle Rotor <ul style="list-style-type: none">• 4 x 85 mL tubes | 20,000 | 40,700 31,160 |

| | | | |
|---|--|---------------|--------------------------|
| <p>364610</p>  | <p>F0650 Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 6 x 50 mL tubes | <p>21,000</p> | <p>41,420 32,140</p> |
| <p>364650</p>  | <p>F0685 25° Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 6 x 85 mL tubes | <p>15,500</p> | <p>26,320 24,650</p> |
| <p>364640</p>  | <p>F0850 25° Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 8 x 50 mL tubes | <p>16,500</p> | <p>29,220 29,220</p> |
| <p>361221</p>  | <p>F1010 35° Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 10 x 10 mL tubes | <p>26,000</p> | <p>57,440 43,020</p> |
| <p>364630</p>  | <p>F1202 Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 12 x 1.5/2.0 mL microcentrifuge tubes | <p>30,000</p> | <p>64,400 58,120</p> |
| <p>361171</p>  | <p> F2402H 45° Fixed-Angle Rotor</p> <ul style="list-style-type: none"> • 24 x 1.5 mL | <p>26,000</p> | <p>61,970 40,430</p> |

| | | | | |
|--------|--|--|--------|------------------|
| | | microcentrifuge tubes | | |
| 364600 |  | F3602 45° Fixed-Angle Rotor • 36 x 1.5 mL microcentrifuge tubes | 22,000 | 47,620 37,410 |
| 364660 |  | S0410 Swinging-Bucket Rotor • 4 x 10 mL tubes | 10,000 | 10,730 10,730 |
| 363000 |  |  H6002 Fixed Horizontal Rotor • 60 x 1.5 mL microcentrifuge tubes | 12,200 | 12,400 12,400 |

Adapter for F1202, F2402H and F3602 Rotors

| Part Number | Description | Tube Volume | Nominal Diameter | Quantity |
|-------------|-------------|--|------------------|---------------|
| 361247 | Adapter | 250/400 µL Microfuge/PCR Tubes | 7 mm | package of 24 |
| 364701 | Adapter | 1.5 and 1.8 mL microfuge tubes with g-Force > 20,000 x g | 11 mm | set of 12 |
| 364690 | Adapter | 500/750 µL Microfuge/PCR Tubes | 9 mm | package of 12 |

Adapter for F0650 and F0850 Rotors

| Part Number | Description | Tube Volume | Nominal Diameter | Places in Adapters |
|-------------|---|--------------------------------|------------------|--------------------|
| 342327 | Polyethylene Adapter, JA-20.1/JA-25.15. Use with adapter (P/N 870329) | 10 mL bottles | 16 mm | 1 |
| 344497 | Delrin Adapter, JA-20/17 double stacked | 1.5 and 1.8 mL microfuge tubes | 11 mm | 3 |
| 356970 | Delrin Adapter | 3-5 mL tubes | 12 mm | 1 |
| 870331 | Rubber Adapter | 30 mL Corex tubes | 26 mm | -- |
| 870329 | Rubber Adapter | 15 mL Corex, Pyrex tubes | 17 mm | -- |

Adapters for F0485 and F0685 Rotors

| Part Number | Description | Tube Volume | Nominal Diameter | Places in Adapters |
|-------------|-----------------------|--------------------------------------|------------------|--------------------|
| 347539 | Polypropylene Adapter | 50 mL round-bottom bottles and tubes | 29 mm | 1 |
| 356962 | Delrin Adapter | 15 mL conical tubes | 17 mm | 1 |
| 356963 | Delrin Adapter | 50 mL conical tubes | 30 mm | 1 |
| 356969 | Delrin Adapter | 3-5 mL tubes | 12 mm | 3 |
| 356975 | Delrin Adapter | 7 mL tubes | 13 mm | 3 |