



ALLEGRA™ 64R High-Speed Centrifuge

Optimal for Subcellular Fractionation,
Proteins and Viruses

- 64,400 × g (30,000 rpm) with Fixed Angle Rotor
- Spin tubes from 0.25 up to 85 mL
- Operating Temperature from +2°C to +40°C
- Rotors Certified by Porton Down UK for Biocontainment.



Specifications

	ALLEGRA 6/6R	ALLEGRA 25R	ALLEGRA 21/21R	ALLEGRA 64R
Max. Speed (rpm)				
Fixed-Angle Rotor	6,100	15,000	14,500/15,300	30,000
Swinging Bucket Rotor	4,730	5,700	4,500/5,500	10,000
Max. RCF (× g)				
Fixed-Angle Rotor	5,710	25,160	19,280/21,460	64,400
Swinging Bucket Rotor	4,560	6,130	3,650/5,450	10,730
Max. Capacity	4 × 750 mL	4 × 500 mL	4 × 180 mL	6 × 85 mL
Temperature Range	N/A/-5° to 25°C	-20° to 40°C	N/A/-20° to 40°C	-20° to 40°C
Run Time	0-30 min., Hold	9hr., 59min., Hold	9hr., 59min., Hold	9hr., 59min., Hold
Drive	Direct with replacement brushes	Brushless induction	Brushless induction	Brushless induction
Accel/Decel Rates	1/3	10 independent profiles	10 independent profiles	10 independent profiles
Noise	< 60 dB	< 64 dB	< 62 dB	< 65 dB
Refrigeration Safety Features	automatic door interlock, imbalance detector, self-balancing drive	automatic door interlock, imbalance detector, steel barrier ring around chamber	automatic door interlock, imbalance detector, steel barrier ring around chamber	automatic door interlock, imbalance detector, steel barrier ring around chamber, overspeed detection, over-temperature detection re-entrant bowl

Weights and Measures

	ALLEGRA 6	ALLEGRA 6R	ALLEGRA 6KR	ALLEGRA 25R	ALLEGRA 21	ALLEGRA 21R	ALLEGRA 64R
	Tabletop	Refrigerated Tabletop	Refrigerated Kneewell	Refrigerated	Tabletop	Refrigerated	Refrigerated
Weight	114 lb (51.7 kg)	167 lb (75.8 kg)	199 lb (90.3 kg)	273.4 lb. (124 kg)	110.3 lb (50 kg)	154.4 lb (70 kg)	225 lb (102.1 kg)
Width	21.5 in (54.6 cm)	30 in (54.6 cm)	21.5 in (54.6 cm)	25.6 in (65 cm)	16.6 in (42 cm)	16.6 in (42 cm)	24 in (61 cm)
Depth	26 in (66 cm)	26 in (66 cm)	26 in (66 cm)	27.0 (68.5 cm)	19.3 in (49 cm)	25.2 in (64 cm)	26 in (66 cm)
Height, Door Closed	15.5 in (39.4 cm)	15.5 in (39.4 cm)	26.5 in (67.3 cm)	16.0 (40.5 cm)	15.0 in (38 cm)	15.0 in (38 cm)	15 in (38 cm)
Height, Door Open	37 in (94 cm)	37 in (94 cm)	49.5 in (125.7 cm)	43.0 (109 cm)	31.5 in (80 cm)	31.5 in (80 cm)	33 in (84 cm)

















UL and CSA approved

Ordering Information

ALLEGRA 21 AND ALLEGRA 64R SERIES CENTRIFUGES

PART NO.	DESCRIPTION
367574	Allegra 21 , Non-Refrigerated Benchtop Model, 60 Hz, 120 V
367575	Allegra 21 , Non-Refrigerated Benchtop Model, 50 Hz, 230 V
367573	Allegra 21 , Non-Refrigerated Benchtop Model, 50/60 Hz, 100 V
367570	Allegra 21R , Refrigerated Benchtop Model, 60 Hz, 120V
367571	Allegra 21R , Refrigerated Benchtop Model, 50 Hz, 230V
367572	Allegra 21R , Refrigerated Benchtop Model, 50/60 Hz, 100V
367586	Allegra 64R , High-Speed Refrigerated Benchtop Centrifuge, 60Hz, 208V
367585	Allegra 64R , High-Speed Refrigerated Benchtop Centrifuge, 60Hz, 200V
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, 200V

INTERCHANGEABLE ROTORS FOR ALLEGRA 21, 21R AND ALLEGRA 64R SERIES CENTRIFUGES*

PART NO.	DESCRIPTION	ALLEGRA 21 / 21R MAX. RCF, g	ALLEGRA 64R MAX RCF, g / MAX RCF, g at 4°C
 364670	Model C0650 – 25° Fixed-Angle Rotor, 6 × 50 mL conical tubes	8,420/9,380	10,400/10,400
 364680	Model C1015 – 25° Fixed-Angle Rotor, 10 × 15 mL conical tubes	8,420/9,380	10,400/10,400
 361231	Model F0630 – 30° Fixed-Angle Rotor, 6 × 30 mL tubes	18,340/20,410	59,860/40,310
 364620	Model F0485 – Fixed-Angle Rotor 4 × 85 mL tubes	—	40,700/31,160 [†]
 364610	Model F0650 – Fixed-Angle Rotor 6 × 50 mL tubes	—	41,420/32,140 [†]
 364650	Model F0685 – 25° Fixed-Angle Rotor, 6 × 85 mL tubes	7,010/7,010	26,320/24,650
 364640	Model F0850 – 25° Fixed-Angle Rotor, 8 × 50 mL tubes	8,690/10,730	29,220/29,220
 361140	Model F1010 – 35° Fixed-Angle Rotor 10 × 10 mL tubes	17,870/19,890	57,440/43,020
 364630	Model F1202 – Fixed-Angle Rotor 12 × 1.5/2.0 mL microcentrifuge tubes	—	64,400/58,120 ^{††}
 361171	Model F2402H – 45° Fixed-Angle Rotor 24 × 1.5 mL microcentrifuge tubes	19,280/21,460	61,970/40,430
 364600	Model F3602 – 45° Fixed-Angle Rotor 36 × 1.5 mL microcentrifuge tubes	15,370/19,280	47,620/37,410
 364660	Model S0410 – Swinging Bucket Rotor 4 × 10 mL tubes	—	10,730/10,730 ^{††}
 361109	Model S4180 – Horizontal Rotor with sealed buckets; 4 × 180 mL bottles	3,650/5,450 [†]	—
 361101	S4180 Rotor Assembly – 4 × 180 mL, Swinging Bucket with four buckets,	3,650/5,450 [†]	—
 361111	Model S2096 – Microplate Rotor, 4 microplates	706/1,107 [†]	—
 363000	Model H6002 – Fixed Horizontal Rotor 60 × 1.5 mL microcentrifuge tubes	12,400/12,400	12,400/12,400

† Only available with the Allegra 21 and 21R Centrifuges

†† Only available with the Allegra 64R Centrifuge

For any additional rotor and adapter information, visit us at:
www.beckmancoulter.com/centrifugefirst

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