



Fixed-Angle Rotor, Aluminum

Major applications: General purpose, large-volume and multitube processing. Lightweight alternative to conventional 6 x 250 rotors; empty rotor weight is 10.3 kg (22.7 lb).

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
16 000*	38 420	1 060	6 x 250 mL 62 x 120 mm 2.5 x 5.5 in	1.5 L

For use in Avanti® J Series and J2 Series centrifuges.

No. 363930. J-LITE® JLA-16.250§ Rotor Assembly with Biosafety Lid.

No. 363934. Rotor Assembly with Single Lock Lid.

Tubes and Bottles

Tube Style/Material	Nominal Volume per Tube (mL)	Part No.	Quantity	Size (mm)	Required Adapters	Tubes per Adapter	g-Force	k Factor	Maximum Speed*
Bottles with Screw Caps									
Polyallomer	38.5	357003	25	29 x 104	356997	1	32 200	650	16 000
Polycarbonate	38.5	357002	25	29 x 104	356997	1	32 200	660	16 000
Bottles with Cap Assembly									
Polyallomer	40.0	357001	6	29 x 104	356997	1	32 200	650	16 000
Polycarbonate	40.0	357000	6	29 x 104	356997	1	32 200	660	16 000
Wide-mouth Polycarbonate	250.0	356013	6	62 x 120	—	—	38 420	1 060	16 000
Wide-mouth Polypropylene	250.0	356011	6	62 x 120	—	—	38 420	1 060	16 000
Tubes with Snap-On Caps									
Polycarbonate	36.0	363664	25	29 x 104	356997	1	32 100	400	16 000
Polypropylene	36.0	357005	25	29 x 104	356997	1	32 100	400	16 000
BioVials									
Polypropylene	4.0	566353	1000	14 x 55	342098	9	2 300	10 700	4 000

* The maximum speed is 14 000 rpm in J2 Series centrifuges.

§ This rotor was tested to demonstrate containment of microbiological aerosols under normal operating conditions of the associated Beckman Coulter centrifuge, when used and maintained as instructed. Validation of microbiological containment was done at an independent, third-party facility (CAMR, Porton Down, UK or USAMRIID, Ft. Detrick, MD, USA). Improper use or maintenance may affect seal integrity and, thus, containment.

Rotor Replacement Parts

- 363931 Double-locking Lid Assembly
- 363935 Single-locking Lid Assembly
- 893502 Large O-ring for Either Lid Assembly (5.987 dia.)
- 893503 Small O-ring for Either Lid Assembly (1.046 dia.)

Adapters

See chart on page 2–6 for adapters used with non-Beckman Coulter tubes and bottles.

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