

High-Speed Centrifuge



Brand : Beckman Coulter

Model : Avanti J-E

Custodian : Tadtarit Anujareewat

Location : K647Room, 6th Floor, Chalermphrakiet Building, Phayathai Campus

Specifications	Description
Speed	300 to 20,000 rpm in 10-rpm increments
Time	to 99 hours 59 minutes or continuous HOLD
Temperature	-10 to 40 °C
Temperature control	±2°C
Acceleration	two profiles —MAX (full acceleration to set speed) and SLOW
Deceleration	three profiles — MAX, SLOW, and OFF (coast)

Rotor Type	Rotor Code	Description	Max RPM	Max RCF(x g)	Max Capacity	Tube/Part number
JA-20 	20	Fixed angle, 34° $r_{\max}=108\text{mm}$	20,000 (17,000 @2°C)	48,400	8*50 ml	357003 

Harvesting bacteria and cell membranes, processing tissue homogenates, and separating cell particulates

JA-14 	14	Fixed angle, 25° $r_{\max}=137\text{mm}$	14,000	30,100	6*250 ml	356011 
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General-purpose, large-volume, and multi-tube processing