

Avanti J-E 高效离心机

Compact, yet powerful.



Brilliance
at every turn.





HIGH-CAPACITY. SMALL FOOTPRINT.

The Avanti J-E is designed to deliver all the power you need, in even the tightest of laboratory spaces.

The Avanti J-E's extensive rotor library maximizes capacity and optimizes g-force for efficient, fast separations and a greater variety of applications. Its high-torque, switched reluctance (SR*) drive technology delivers faster acceleration and deceleration, which means less wait time for you. It offers an intuitive, user-friendly interface, as well as lower energy costs.

What's more, the Avanti J-E's low height and contoured front panel help ease the burden of rotor installation and retrieval, for even more convenient operation.

SPECIFICATIONS

Maximum Speed/g-Force

Avanti J-E

21,000 rpm/53,300 x g

Maximum Capacity

4 Liters

Speed Control

±50 rpm of set speed

Set Temperature

-10° C to 40° C in 1° increments

Temperature Control

±2° C of set temperature after equilibration

Ambient Operating Range

15° C to 35° C

Accel/Decel Profiles

2/3

Heat Output

≤6900 BTU/hr (2.0 kW)

Drive Type/Cooling

SR* drive/Air-cooled

Refrigeration

Non-CFC, non-ozone depleting refrigerant

Sound Level

<64 dBa (0.91 m/3 ft from instrument at maximum speed)

Dimensions

63.5W x 80D x 91.4H cm (25W x 31.5D x 36H in)

Weight

267.4 kg (589 lb)



Note: Only values with tolerances or limits are guaranteed data. Values without tolerances are informative data, without guarantee.

*SR drives are manufactured by Beckman Coulter with technology licensed from Switched Reluctance Drives Limited.



ORDERING INFORMATION

AVANTI CENTRIFUGE MODELS

Model	Part No.	Description
Avanti J-E	369001	200/208/240V, 50 Hz
Avanti J-E	369003	230V, 50/60 Hz
Avanti J-E	369005	200V, 50/60 Hz
BioSafe** Avanti J-E	969352	200/208/240V, 50 Hz
BioSafe** Avanti J-E	A20698	230V, 50/60 Hz
BioSafe** Avanti J-E	A20699	200V, 50/60 Hz

FIXED-ANGLE ROTORS

	Rotor Type	Part No.	Max Speed (rpm)	Max RCF, x g	k Factor	No. Tubes x Volume (mL)	Max Tube Size (mm)	Rotor Capacity
BIO	JA-25.50	363055 Single-Locking Lid [§] 363058 Dual-Locking Lid	21,000	53,300	592	8x50	29x104	400 mL
BIO	JA-20.1	342095	20,000	51,500/43,900	371/465	32x15	18x99	480 mL
	JA-21	334845	21,000	50,400	470	18x10	16x80	180 mL
BIO	JA-20	334831	20,000	48,400	769	8x50	29x104	400 mL
BIO	JA-17	369691	17,000	39,800	690	14x50	29x104	700 mL
BIO	JLA-16.250	363934 Single-Locking Lid [§] 363930 Dual-Locking Lid	16,000	38,400	1,090	6x250	62x120	1.5 L
BIO	JA-18	369679	16,000	37,800	716	10x100	38x102	1 L
BIO	JA-14	339247	14,000	30,100	1,764	6x250	62x120	1.5 L
BIO	JA-12	360993 Single-Locking Lid [§] 360992 Dual-Locking Lid	12,000	23,200	1,244	12x50 Conical	30x115	600 mL
BIO	JLA-10.500	369681	10,000	18,600	2,840	6x500	69x160	3 L
	JA-10	369687	10,000	17,700	3,610	6x500	69x160	3 L
	JLA-9.1000	366754	6,300	8,230	5,192	4x1,000	95x191	4 L

SWINGING BUCKET ROTORS

	Rotor Type	Part No.	Max Speed (rpm)	Max RCF, x g	k Factor	No. Tubes x Volume (mL)	Max Tube Size (mm)	Rotor Capacity
	JS-13.1	346963	13,000	26,500	1,841	6x50	29x104	300 mL
BIO	JS-5.3 AllSpin	368690	5,300	7,728	Various	4x500 24 Microplates	Various	2 L

Dual-Locking Lids provide sample containment by enabling the rotor to remain sealed while being transported to a biocontainment hood.

[§]Single-locking lid versions of these rotors are not BioCertified.

**BioSafe and Biosafety are terms intended to describe the enhanced biocontainment features of our products. Elutriation systems are available. Please contact your sales representative.

BIO BioCertified is a term used to describe our products which have been tested and validated to demonstrate containment of microbiological aerosols by an independent, third-party facility (Health Protection Agency, Porton Down, UK or USAMRIID, Ft. Detrick, MD, USA). Improper use or maintenance may affect seal integrity and, thus, containment.



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