



*The standard for versatile and rugged operation
in laboratories around the world.*

J6-MI

**FOR BIOPROCESSING, CLINICAL, RESEARCH
AND BLOOD COMPONENT SEPARATIONS**



The Beckman Coulter J6-MI refrigerated floor model centrifuge is the standard for quiet, versatile, rugged and convenient operation.

Achieve Key Separations in Volumes up to 6-liters

- Bioprocessing
- Clinical
- Research
- Blood Component

Exclusive ARIES™ Self-Balancing Rotors

- Start your run with an imbalanced load - up to 100 grams! ARIES self-balancing rotors correct for the imbalance during the run -- and continue without shutdown. 6 x 1 liter bottles, 6 blood bags, 18 microplates, 336 RIA Tubes - at 4,200 rpm, 5,020 x g.

Powerful, Maintenance-Free Operation

- Rugged microprocessor-controlled induction motor provides high torque, fast acceleration, and offers low wear and long motor life.

Full System Quality and Safety

- CSA and CE marked, the J6-MI is manufactured in a NSAI registered ISO-9001-2000 facility and has been designed and tested to meet the highest laboratory equipment standards and regulations.
- Biocertified rotors* and buckets with Aerosolve® covers provide protection from aerosol leaks and spills.

* JS 4.2, 3.0 and 5.2 rotors are certified for biocontainment when used with Aerosolve covers.
Third-party validations done at CAMK, Porton Down, UK, or USAMRIID, Ft. Detrick, MD, USA

J6 Adaptors, AeroSeal™ Covers and Accessories for Versatility and Safety

Eleven color-coded Multi-Disc™ adaptors fit inside the J6's round, swinging buckets, accommodating tube and bottle diameters ranging from 12 mm to 98 mm. The adaptors are autoclavable and can serve as handy storage racks. Special rubber bases are shaped to support individual tubes/bottles and can be obtained for both conical and round-bottom shapes.



Modular Adaptors for JS-4.2A Rotor (Also for use in non-ARIES J6 rotors)

Color Code	Tube Volume (mL)	Maximum Diameter	# Disks per Adapter	# Tubes per Round-bucket Rotor Adapter	# Tubes per 4-place Round-bucket Rotor	# Tubes per 6-place Round-bucket Rotor	Part No.
Blue	3 and 5	12 mm	5	37	148	222	339100
Orange	10	14 mm	6	24	96	144	339101
Purple	12	16 mm	8	19	76	114	341977
Green	20 (round)	18 mm	8	14	56	84	339102
Yellow	50 (round)	28 mm	7	7	28	42	339103
Light Green	50 (conical)	30 mm	5	4	16	24	345386
Dark Blue	50	35 mm	7	4	16	24	341794
Brown	100	44 mm	4	2	8	12	339104
Red	250	62 mm	8	1	4	6	339108
Yellow	500	70 mm	9	1	4	6	339109
Bottle Sleeve							
Blue	1 L	98 mm	**	1	4	6	356096
Red	250 mL (conical)	—	—	1	4	6	349849
Double-Stacking Adapter							
Blue/White	3 and 5	12 mm	—	19	—	114	339119
Tube Retaining/Decanting Device							
White	3 and 5	12 mm	1	37	148	222	343108

**Package of 6 adaptors

Blood Bag Cups

Color Code	Part No. (Set of 2)
Yellow Round (JS-4.2A)	339127 (Single or double packs)
Red Round (JS-4.2A)	339129 (Triple or quad packs)
Gray Oval (JS-4.2SMA)	363651 (Quad packs, 550 mL, plus filter)
Gray Balancing Disk (JS-4.2, JS-4.2SMA)	358364 (6 grams)

Microplate Carriers***

	Part No.	Description
For JS-5.2 and JS-4.0 Rotors	358680	(3) microplates each carrier, 12 per rotor
For JS-4.2, JS-4.2SM and JS-3.0 Rotors	358682	(3) microplates each carrier, 18 per rotor
Rubber pad for bottom of microplate carrier	341830	

***Max speed 2500 rpm

Aerosolve® Cover

	Part No.	Description
AeroSeal Biosafety	343868†	Cover Kit

†See limitations and instructions in technical bulletin J6TB017

J6 Series ARIES™ – World's First High-Capacity, Self-Balancing Rotors for Bioprocessing, Clinical, Research and Blood Component Separation



The exclusive JS-4.2A and JS-4.2SMA ARIES rotors will detect and correct opposing, imbalanced loads up to 100 grams and continue your run without shutdown.

Maximum Application Versatility

The J6 Series JS-4.2A ARIES windshielded swinging-bucket rotors can spin up to six blood bags, six 1-liter bottles, or multiple tubes at speeds of up to 4,200 rpm (5,020 x g), providing the performance needed for improved throughput. A variety of tube adapters, microcarriers and aerosol covers brings added versatility and safety to the system. For dedicated blood processing work, the JS-4.2SMA rotor offers oval buckets for easier processing of quad blood bags at 4,200 rpm (4,900 x g).



J6 Series ARIES™ Self-Balancing Rotors

	Part No.	Description	
JS-4.2A ARIES Self-Balancing Swinging Bucket Rotors	366695	6 x 1 Liter or 6 blood bag cups	4,200 rpm, 5,020 x g
JS-4.2SM ARIES Self-Balancing Swinging Bucket Rotors	348394	6 blood bag cups	4,200 rpm, 4,900 x g
JS-4.2SMA ARIES Self-Balancing Swinging Bucket Rotors	366670	6 blood bag cups	4,200 rpm, 4,900 x g

J6 Rotors

	Part No.	Description	
JS-3.0 Swinging Bucket Rotor	339081	6 x 1 Liter or 6 blood bag cups	3,000 rpm, 2,556 x g
JS-4.0 Swinging Bucket Rotor	339086	4 x 1 Liter or 4 blood bag cups	4,000 rpm, 4,044 x g
JS-4.2 Swinging Bucket Rotor	339080	6 x 1 Liter or 6 blood bag cups	4,200 rpm, 5,010 x g
JS-5.2 Swinging Bucket Rotor	339087	4 x 1 Liter or 4 blood bag cups	5,200 rpm, 6,835 x g

Elutriator Rotor

	Part No.	Description
JE-5.0 Elutriator Rotor	356900	5,000 rpm, 4,700 x g for separating whole living cells

Ordering Information

	Part No.	Capacity
Model J-6MI Centrifuge	360291	60 Hz, 208V
	360292	60 Hz, 240V
	360293	50 Hz, 220V

Specifications

Maximum Speed	6,000 rpm
Heat Output	<7,000 Btu/hr (1.9 kW)
Speed Control	20 rpm
Weight	252 kg (555 lb)
Width	71 cm (28 in)
Depth	84 cm (33 in)
Height to Chamber Door	91 cm (36 in)
Height to Top of Controls	127 cm (50 in)
Height with Door Open	160 cm (63 in)
Circuit Breaker	30A
Sound Level	<59 dBa (0.91 m/3 ft from instrument at maximum speed)



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Beckman Coulter, Inc. • 4300 N. Harbor Boulevard, Box 3100 • Fullerton, California 92834-3100
Sales & Service: 1-800-742-2345 • Telex: 678413 • Fax: 1-800-643-4366 • www.beckmancoulter.com

Worldwide Biomedical Research Division Offices:

Australia (61) 2 9844-6000 Canada (905) 819-1234 China (86) 10 6515 6028 Eastern Europe, Middle East, North Africa (41) 22 994 07 07
France 01 49 90 90 00 Germany 49 21 513335 Hong Kong (852) 2814 7431/2814 0481 India (91) 22 30805000 Italy 02-953921 Japan (81) 3-6745-4704
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