



*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.

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

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

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



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, micro-carriers 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).



Eleven color-coded Multi-Disc™ adapters fit inside the J6's round, swinging buckets, accommodating tube and bottle diameters ranging from 12 mm to 98 mm. The adapters 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.

Specifications

Maximum Speed/g-Force	6,000 rpm/6,835 x g
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)

Ordering Information

	Part No.	Capacity	Description
<i>Model J-6MI Centrifuge</i>	360291		60 Hz, 208V
	360292		60 Hz, 240V
	360293		50 Hz, 220V
<i>JS-3.0 Swinging Bucket Rotor</i>	339081	6 x 1 Liter or 6 blood bag cups	3,000 rpm, 2,556 x g
<i>JS-4.0 Swinging Bucket Rotor</i>	339086	4 x 1 Liter or 4 blood bag cups	4,000 rpm, 4,044 x g
<i>JS-4.2 Swinging Bucket Rotor</i>	339080	6 x 1 Liter or 6 blood bag cups	4,200 rpm, 5,010 x g
<i>JS-4.2A ARIES Self-Balancing Swinging Bucket Rotors</i>	366695	4.2A-6 x 1 Liter or 6 blood bag cups	
<i>JS-4.2SMA ARIES Self-Balancing Swinging Bucket Rotors</i>	366670	4.2SMA 6 blood bag cups	
<i>JS-5.2 Swinging Bucket Rotor</i>		4 x 1 Liter or	5,200 rpm, 6,835 x g 4 blood bag cups

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)

Modular Adapters for JS-4.2A Rotor (also for use in non-ARIES J6 rotors)

Color Code	Tube Volume (mL)	Maximum Diameter	# Disks per Adapter	# per Adapter	# per 6-place Rotor	Part No.
Blue	3 and 5	12 mm	5	37	222	339100
Orange	10	14 mm	6	24	144	339101
Purple	12	16 mm	8	19	114	341977
Green	20 (round)	18 mm	8	14	84	339102
Yellow	50 (round)	28 mm	7	7	42	339103
Light Green	50 (conical)	30 mm	5	4	24	345386
Dark Blue	50	35 mm	7	4	24	341794
Brown	100	44 mm	4	2	12	339104
Red	250	62 mm	8	1	6	339108
Yellow	500	70 mm	9	1	6	339109

Bottle Sleeve

Blue	1 L	98 mm	-	1	6	356096
Red	250 mL (conical)	-	-	1	6	349849

Double-Stacking Adapter

Blue/White	3 and 5	12 mm	-	19	114	339119*
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*not for use in the js-4.0 or JS5.2 Rotors

Tube Retaining/Decanting Device

White	3 and 5	12 mm	1	37	222	343108
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Elutriator Rotor

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

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-4.25SM and JS-3.0 Rotors	358682	(3) microplates each carrier, 12 per rotor
Rubber pad for bottom of microplate carrier	341830	



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