

AVANTI® J-E CENTRIFUGE

The economical performer that fits right in your lab

DS-9981A

SPACE CONSCIOUS

Knowing space is at a premium, we gave the Avanti J-E a small footprint, allowing you the freedom to place it right in your lab, so it's where you need it, when you need it.

SAFETY MINDED

Each rotor is automatically identified at low speed to ensure that each run is 100% safe. Even if the operator inputs incorrect run parameters, the Avanti J-E will check and reset itself and complete the run safely.

QUICK WORKER

*Avanti J-E's low height and contoured front panel help ease the burden of rotor installation and retrieval. And with exclusive high-torque, switched reluctance (SR)** drive technology, fast acceleration and deceleration mean quicker separations and less waiting.*

KEEPS ITS COOL

Avanti J-E uses a Friction Reduction System (FRS) to reduce heat generation, which means better sample cooling, a cooler lab, quieter operation, and greatly reduced energy usage. FRS uses a zero-maintenance partial vacuum system that increases overall reliability and saves you money.

READY FOR ANYTHING

Avanti J-E's extensive rotor library maximizes capacity and optimizes g-force for efficient, fast separations. The library includes: The AllSpin rotor for microplates and general purpose separations; lightweight, high-capacity 4-liter capability, and a complete range of BioSafe certified rotors.*

*BioSafe is a term intended to describe the enhanced biosafety features of Beckman Coulter products. Validation of microbiological containment was done at an independent, third-party testing facility, Health Protection Agency, Porton Down. Improper use or maintenance may affect seal integrity and, thus, containment
**SR Drives are manufactured by Beckman Coulter with technology licensed from Switched Reluctance Drives Limited



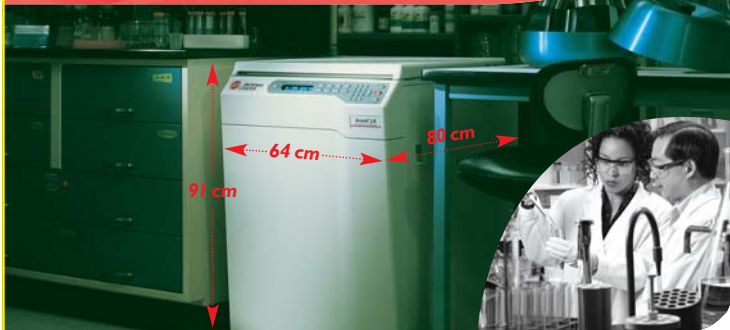
Ordering Information

	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
Avanti J-E	369001	50/60 Hz, 200/208/240V	 BioSafe Avanti J-E	969352	60 Hz, 208/240V
	369003	50 Hz, 230V		A20698	50 Hz, 230V
	369005	50/60 Hz, 200V		A20699	50/60 Hz, 200V

Specifications

Maximum Speed (rpm)	21,000
Maximum Force (x g)	53,300
Accel/Decel Rates	2/3
Set Temp Range (1° increments)	-10 to 40°C
Temp Control	± 2° of set temperature
Speed Control	± 50 rpm of set speed
Ambient Temp Range	15° to 35°C
Drive Type / Cooling	SR Drive / Air Cooled
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Power Usage / Heat Output	2.0 kW / 6900 Btu/hr
Dimensions H x D x W	91.4 cm (with door closed) x 80 cm x 63.5 cm (36 in x 31.5 in x 25 in)
Weight	267.5 kg (589 lb)

Why waste time traveling to and from a remote instrument room? Avanti J-E's small footprint and energy-efficient operation complement you and your workspace. But don't let Avanti J-E's diminutive size mislead you. This high-performance system delivers all the capability and versatility you need to run a wide variety of applications.



Designed for simplicity

- Touch-pad positioned on front panel for convenience
- Select rotor by name, not arcane number code
- Durable, spill-resistant coating
- Run in g-force or rpm mode
- Intuitive programming for repetitive runs



Ideally suited for high-force, high-throughput applications using microplates and a wide variety of other labware, the JS-5.3 AllSpin rotor is unbeatable for protein, genetic and cellular applications.

In addition, the Avanti J-E runs a full complement of fixed-angle and swinging-bucket rotors for your application needs.



† Plates available from outside manufacturers. All trademarks are the property of their respective owners.
 †† PCR is licensed under US patent numbers 4,683,202, 4,683,195, 4,965,188 and 5,075,216 or their foreign counterparts owned by Hoffman-La Roche and F. Hoffman-La Roche Ltd.

For additional information, please contact your local Beckman Coulter representative or visit our web site at:

www.beckmancoulter.com/centrifugefirst



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