

AVANTI® J-30I

Ultracentrifuge power from a High-Performance system

- Subcellular separations in either swinging-bucket or fixed-angle rotors with g -forces over 100,000 $\times g$
- Bioprocessing with 4 liters a run — up to 24 liters an hour
- High-force microplate applications and up to 10 microplates in a single run
- Less waiting and quicker separations with fast accel/decel rates
- Ease of use due to advanced ergonomic design
- Rotor and sample safety is assured with Automatic Rotor Identification



Ordering Information

	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
Avanti J-30I	363118	50/60 Hz, 200/208/240V	BioSafe* Avanti J-30I	A20691	50/60 Hz, 200/208/240V
	363120	50 Hz, 230V		A20692	50 Hz, 230V
	363121	50 Hz, 220V, 3-phase		A20693	50 Hz, 220V, 3-phase

Specifications

Maximum Speed/ g -Force	30,000 rpm/110,500 $\times g$
Accel/Decel Rates	12/13
Set Temp Range (1° increments)	-20° to 40°C
Temp Control	$\pm 2^\circ$ of set temperature
Speed Control	± 10 rpm of set speed or 0.15%, whichever is greater
Ambient Temp Range	16° to 38°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
Sound Level	<57 dBA (0.91 m/3 ft from instrument at maximum speed)
Dimensions H x D x W	86 cm (with door closed) x 86 cm x 71 cm (34 in x 34 in x 28 in)
Weight	310 kg (680 lb)

* 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

AVANTI® J-HC

A complete solution for batch bioprocessing

HIGH CAPACITY & HIGH g-FORCE

From process development and pilot production through manufacturing, the Avanti J-HC bioprocessing system offers the following:

- Spin 9 liters at 5,000 rpm and 7,480 x g for greater sample throughput
- Process up to 36 liters per hour when harvesting bacteria
- J-Wide labware is part of a biosafety system that facilitates rapid harvesting of samples
- HarvestLine System Liners eliminate time-consuming scraping of harvested samples which can be sealed and stored for future use
- SpinTrace™ II Network software with connectivity for up to 32 Avanti J instruments provides paperless documentation, data management and cGMP compliance
- Optional laser bar code scanner for accurate data logging
- Viewport strobing for instrument calibration and certification for regulatory agency compliance

Ordering Information

	PART No.	DESCRIPTION
Avanti J-HC	367501	50/60 Hz, 200/208/240V
	367502	50 Hz, 230V
	367503	50 Hz, 220V, 3-phase

Specifications

Maximum Speed/g-Force	10,000 rpm/17,700 x g	Drive Type / Cooling	SR* Drive / Air Cooled
Accel/Decel Rates	2/3	Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Set Temp Range (1° increments)	-10° to 40°C	Power Usage / Heat Output	2.0 kW / 6900 Btu/hr
Temp Control	± 2° of set temperature	Sound Level	≤60 dBa (0.91 m/3 ft from instrument at maximum speed)
Speed Control	± 10 rpm of set speed or 0.15%, whichever is greater	Dimensions H x D x W	86 cm (with door closed) x 86 cm x 71 cm (34 in x 34 in x 28 in)
Ambient Temp Range	15° to 40°C		
Weight	300 kg (660 lb)		

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

www.beckmancoulter.com/centrifugefirst



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