

AVANTI® J-26 XP SERIES

The only High-Performance Centrifuge your lab may ever need

DS-9980A

BEST IN CLASS

The Avanti J-26 XP Series enables such a vast range of separations that it is capable of replacing the work of two or three older instruments. A single J-26 XP can process 6 liters of fermentor output in less than 10 minutes, deliver a subcellular fraction at 82,000 x g, run 24 microplates at a time, and separate live cell populations with elutriation.

WORKS FAST

*Using the high-torque, switched reluctance (SR)** drive technology, the Avanti J-26 XP Series shortens cycle times and eliminates waiting for your sample at the end of the run. Plus with its Friction Reduction System (FRS), the Avanti J-26 XP Series runs quicker, quieter, cooler, and uses less energy than traditional centrifuges.*

WORKS SAFE

Multiple layers of engineered safety systems, such as a full containment barrier, Automatic Rotor Identification, and enhanced biosafety, means peace of mind for users and lab managers.

ALWAYS THERE FOR YOU

Although you might not be using all of its potential right away, as your research needs change, the Avanti J-26 XP Series will be ready. With an extensive library of 26 rotors, including lightweight carbon fiber designs, continuous flow and elutriation, and a full line of BioSafe rotors, the Avanti J-26 XP Series may be the only High Performance Centrifuge your lab will ever need.*



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.



Delivering the most efficient separations and a full 6-liter capacity, the JLA-8.1000 can process up to 36 liters per hour, making it the most efficient 6-liter rotor available.



Subcellular fractionation separations are easily handled at up to 82,000 x g with the JA-30.50 Ti rotor.

ERGONOMIC DESIGN

- Lower worksurface height for easier installation and unloading of rotors
- Footpedal for hands-free door operation
- Door swings up and out of the way for easy access to the rotor chamber
- Large digital read-outs make operation simpler



TRADITIONAL CONTROL PANEL

- Tactile knobs
- Large digital readout
- 2 accel/3 decel



DIGITAL INTERFACE

- View set and actual run conditions simultaneously
- Select rotor by name, not by arcane number code
- 12 accel/13 decel rates
- Delay start
- Run times to 99:59, Hold, and w²t
- Fully compatible with SpinTrace™ II software



AUTOMATIC ROTOR IDENTIFICATION

- Dynamic Rotor Inertia Check — means no rotor can be run above its rated speed
- Temperature control is optimized based on the automatically identified rotor — no more too cold or too warm samples

Ordering Information

	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
Avanti J-26 XP	393124	50/60 Hz, 200/208/240V	BioSafe* Avanti J-26 XP	A25577	50/60 Hz, 200/208/240V
	393125	50 Hz, 230V		A25578	50 Hz, 230 V
	393126	50 Hz, 220V, 3-phase		A25579	50 Hz, 220V, 3-phase
Avanti J-26 XPI	393127	50/60 Hz, 200/208/240V	BioSafe Avanti J-26 XPI	A25574	50/60 Hz, 200/208/240V
	393128	50 Hz, 230V		A25575	50 Hz, 230V
	393129	50 Hz, 220V, 3-phase		A25576	50 Hz, 220V, 3-phase

Elutriation systems are available. Please contact your sales representative.

Specifications

	J-26 XP	J-26 XPI
Maximum Speed/g-Force	26,000 rpm/82,000 x g	26,000 rpm/82,000 x g
Accel/Decel Rates	2/3	12/13
Set Temp Range (1° increments)	-10 to 40°C	-10 to 40°C
Temp Control	± 2° of set temperature	± 2° of set temperature
Speed Control	± 10 rpm of set speed or 0.1%, whichever is greater	± 10 rpm of set speed or 0.1%, whichever is greater
Ambient Temp Range	16° to 38°C	16° to 38°C
Drive Type / Cooling	SR Drive / Air Cooled	SR Drive / Air Cooled
Refrigeration System	Non-CFC, non-ozone depleting refrigerant	Non-CFC, non-ozone depleting refrigerant
Power Usage / Heat Output	2.0 kW / 6900 Btu/hr	2.0 kW / 6900 Btu/hr
Sound Level	<57 dBA (0.91 m/3 ft from instrument at maximum speed)	<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)	86 cm (with door closed) x 86 cm x 71 cm (34 in x 34 in x 28 in)
Weight	290 kg (640 lb)	290 kg (640 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

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



**BECKMAN
COULTER®**

www.beckmancoulter.com/centrifugefirst

Developing innovative solutions in Systems Biology.

Innovate **SIMPLIFY** **Automate**

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 Italy 02-953921 Japan 03-5404-8359
Mexico (55) 560-57770 Netherlands 0297-230630 Singapore (65) 6339 3633 South Africa, Sub-Saharan Africa (27) 11-805-2014/5 Spain 91 3836080
Sweden 08-564 85 900 Switzerland 0800 850 810 Taiwan (886) 2 2378 3456 Turkey 90 216 309 1900 U.K. 01494 441181 U.S.A. 1-800-742-2345