

AVANTI® J-25 SERIES

Higher productivity than any other conventional high-speed centrifuge

- Bioprocessing with 4 liters a run — up to 24 liters an hour
- Less waiting and quicker separations with fast accel/decel rates
- High-force microplate applications and up to 10 microplates in a single run
- Ease of use due to advanced ergonomic design
- Rotor and sample safety is assured with Automatic Rotor Identification

Ordering Information

	PART No.	DESCRIPTION
Avanti J-25	363102	50/60 Hz, 200/208/240V
	363104	50 Hz, 230V
	363105	50 Hz, 220V, 3-phase
Avanti J-25I	363106	50/60 Hz, 200/208/240V
	363108	50 Hz, 230V
	363109	50 Hz, 220V, 3-phase



Specifications

	J-25	J-25I
Maximum Speed/ <i>g</i> -Force	25,000 rpm/75,600 x <i>g</i>	25,000 rpm/75,600 x <i>g</i>
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 (0.91/3 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	264 kg (583 lb)	264 kg (583 lb)

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 w^2t
- Fully compatible with SpinTrace™ II



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

*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:

www.beckmancoulter.com/centrifugefirst



Developing innovative solutions in Systems Biology.

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