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Высокоскоростные центрифуги Avanti J-E



Уникальная конструкция высокоскоростной центрифуги Avanti J-E позволяет ей разгоняться до значительных скоростей и отлично разделять компоненты образца. При этом инструмент очень компактен.

- до 21 000 об/мин
- до 53 300 x g
- макс. вместимость: 4 л
- от - 10°C до + 40°C
- Размеры Ш x Г x В: 635 x 800 x 914 мм

Быстрое разделение

- Сокращение времени центрифугирования за счет режимов ускоренного разгона/торможения
- Оптимальные высота центрифуги и форма передней панели позволяют легко устанавливать и извлекать роторы
- Вентильно-индукторный бесщеточный двигатель (SR)

Защита образца

- Настройка и контроль температуры для поддержания целостности образца
- Богатая библиотека роторов для безопасного переноса образцов
- Удобные аксессуары и расходные материалы

Конструкция и безопасность

- Компактная и мощная – подойдет даже для самых маленьких лабораторных помещений
- Автоматическое определение типа ротора на низких скоростях
- Автоматическая перенастройка максимальной скорости, если определенный тип ротора не совпадает с заданным

Энергосбережение

- Низкий уровень теплоотдачи и эффективное использование электроэнергии
- Пониженное трение ротора за счет вакуума (не требует обслуживания) снижает электропотребление

Технические характеристики высокоскоростной центрифуги Avanti J-E

BioSafe	Да
Разгон	2 profiles, Maximum (full acceleration to set speed) & Slow
Торможение	3 profiles (max, slow & off (coast))
Время	1 min to 99:59 hrs, Hold
Максимальная вместимость	1 - 4 L
Temperature Control	± 2 ° C °C of set temperature after equilibration
Temperature Range(s)	From -10°C to +40°C in 1° increments
Item Specifications Referenced	369003

Avanti[®] J-E Centrifuge, 50 Hz, 200 V, 24 A

Артикул:369005

If you need a high performing centrifuge for a tight space, this one is “the fittest.” The J-E Centrifuge generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing up-to 4 liters in under 10 minutes. The J-E's high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. The comprehensive standard and BioSafe-certified J-series rotors and labware are all compatible with the J-E, for sample sizes from a few microliters up-to 4 liters. For total versatility, select the new AllSpin JS-5.3 high capacity swinging bucket rotor system, which processes up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm
Максимальное ускорение	53300 xg

BioSafe	Да
Acceleration	2 profiles, Maximum (full accleration to set speed) & Slow
Deceleration	3 profiles (max, slow & off (coast)
Timed Run	1 min to 99:59 hrs, Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	Air-cooled
Temperature Range(s)	From -10°C to +40°C in 1°increments
Zonal Capability	Да
Pollution Degree	2
Environmental Conditions	-10°C to 40°C in 1° increments
Installation Category	II
Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Material(s)	Steel, Structural Foam
Finish	Control panel finish: Silicone elastomer
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80 cm(31.5 in)
Height	91.4 cm (152.4 cm with door open)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)

Avanti® J-E BioSafe Centrifuge System, 50/60 Hz, 200 V

Артикул: A20699

As the highest performer of the J high-performance series, the J-E BioSafe Centrifuge generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing up-to 4 liters in under 10 minutes. The J-E's high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. The J-E is compatible with the comprehensive J series standard and BioSafe-certified rotors and labware for sample sizes from a few microliters up-to 4 liters. For total versatility, select the new AllSpin JS-5.3 high capacity swinging bucket rotor system, which processes up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. The J-E's compact build gives you the freedom to place it wherever you need it. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm
BioSafe	Нет
Acceleration	2 profiles, Maximum (full acceleration to set speed) & Slow
Deceleration	3 profiles (max, slow & off (coast))
Timed Run	1 minute-99 hours, 59 minutes or Continuous Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	SR Drive* / Air cooled
Temperature Range(s)	From -10°C to +40°C in 1° increments
Zonal Capability	Да
Pollution Degree	2

Environmental Conditions	-10°C to 40°C in 1° increments
Installation Category	II
Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Material(s)	Steel, Structural Foam
Finish	Control Panel: Silicone elastomer, Top Surface: Urethane paint, Other surfaces: General purpose paint
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80.0, cm(80.0, in)
Height	91.4 cm (152.4 cm with door open)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)
Power Requirements	220/380 VAC, 50/60 Hz

Avanti® J-E Centrifuge, 50 Hz, 230 V, 24 A

Артикул:369003

“The fittest” high-performing centrifuge for tight lab spaces. The Avanti J-E centrifuge generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing up-to 4 liters in under 10 minutes. The Avanti J-E’s high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. The comprehensive standard and BioSafe-certified J-series rotors and labware are all compatible with the J-E, for sample sizes from a few microliters up-to 4 liters. For total versatility, select the new AllSpin JS-5.3 high capacity swinging bucket rotor system, which processes up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm

Максимальное ускорение	53300 xg
BioSafe	Да
Acceleration	2 profiles, Maximum (full accleration to set speed) & Slow
Deceleration	3 profiles (max, slow & off (coast)
Timed Run	1 min to 99:59 hrs, Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	Air-cooled
Temperature Range(s)	From -10°C to +40°C in 1°increments
Pollution Degree	2
Installation Category	II
Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Finish	Control panel finish: Silicone elastomer
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80 cm(31.5 in)
Height	91.4 cm(36 in)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)
Power Requirements	220 VAC, 50 Hz

Avanti® J-E Centrifuge, 50/60 Hz, 200/208/240 V

Артикул:369001

The J-E centrifuge accommodates the comprehensive J-Series line of standard and biosafe certified rotors and labware for sample sizes from just a few microliters up-to 4 liters. For total versatility, select the AllSpin JS-5.3 high capacity swinging bucket rotor system, capable of processing up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. The J-E centrifuge generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing up-to 4 liters in under 10 minutes. The J-E's high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm
Максимальное ускорение	53300 xg
BioSafe	Да
Acceleration	2 profiles, Maximum (full acceleration to set speed) & Slow
Deceleration	3 profiles (max, slow & off (coast))
Timed Run	1 min to 99:59 hrs, Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	Air-cooled
Temperature Range(s)	From -10°C to +40°C in 1° increments
Zonal Capability	Да
Pollution Degree	2
Installation Category	II

Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Material(s)	Steel, Structural Foam
Finish	Control panel finish: Silicone elastomer, Powder Coat Paint
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80 cm(31.5 in)
Height	91.4 cm (152.4 cm with door open)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)
Power Requirements	208 VAC, 240 V, 50/60 Hz

Avanti J-E BioSafe Centrifuge System, 50 Hz, 230 V

Артикул:A20698

The highest performer of the J high performance series! The J-E system generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing from up-to 4 liters in under 10 minutes. The J-E's high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. The J-E accommodates the comprehensive J series line of standard and BioSafe-certified rotors and labware for sample sizes from a few microliters up-to 4 liters. For total versatility, select the new AllSpin JS-5.3 high capacity swinging bucket rotor system, which processes up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. The J-E's compact build gives you the freedom to place it wherever you need it, when you need it. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm
BioSafe	Bio-Enhanced
Acceleration	2 profiles, Maximum (full acceleration to set speed) & Slow

Deceleration	3 profiles (max, slow & off (coast))
Timed Run	1 minute-99 hours, 59 minutes or Continuous Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	SR Drive* / Air cooled
Temperature Range(s)	From -10°C to +40°C in 1° increments
Zonal Capability	Да
Pollution Degree	2
Environmental Conditions	-10°C to 40°C in 1° increments
Installation Category	II
Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Material(s)	Steel, Structural Foam
Finish	Control Panel: Silicone elastomer, Top Surface: Urethane paint, Other surfaces: General purpose paint
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80.0, cm(80.0, in)
Height	91.4 cm (152.4 cm with door open)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)
Power Requirements	230 VAC, 50/60 Hz

Avanti® J-E BioSafe Centrifuge System, 50/60 Hz, 200/208/240 V

Артикул:969352

As the highest performer of the J high-performance series is ideal for those sharing lab space with others. The J-E BioSafe Centrifuge generates maximum speeds up to 21,000 RPM (53,300 x g) and offers the capacity of processing up-to 4 liters in under 10 minutes. The J-E's high torque switched reluctance (SR) direct drive achieves faster acceleration and deceleration with gentle precision that delivers the fastest separations in the shortest run times, performance unattainable by standard high-speed centrifuges. The comprehensive J series standard and BioSafe-certified rotors and labware are all compatible with the J-E, for sample sizes from a few microliters up-to 4 liters. For total versatility, select the new AllSpin JS-5.3 high capacity swinging bucket rotor system, which processes up-to twenty-four 96-well microtiter plates and offers the flexibility of processing a variety of sample sizes in bottles from 4 x 500 mL to 96 x 17 mm tubes. The compact J-E gives you the freedom to place it wherever you need it. Using CFC-free refrigerants and a maintenance-free vacuum pump to partially remove friction-generating air molecules, the J-E offers better temperature control (-10° C - +40° C in 1° C increments), a more energy efficient system, lower heat output (< 6,900 BTUs) and quieter operation for a comfortable, productive work environment.

Платформа	Avanti
Максимальная скорость	21,000 rpm
BioSafe	Bio-Enhanced
Acceleration	2 profiles, Maximum (full acceleration to set speed) & Slow
Deceleration	3 profiles (max, slow & off (coast))
Timed Run	1 minute-99 hours, 59 minutes or Continuous Hold
Max Capacity Volume Range	1 - 4 L
Refrigeration System	Non-CFC, non-ozone depleting refrigerant
Drive Type Cooling	SR Drive* / Air cooled
Temperature Range(s)	From -10°C to +40°C in 1° increments
Zonal Capability	Да
Pollution Degree	2
Environmental Conditions	-10°C to 40°C in 1° increments
Installation Category	II

Software	Virtual Network Computing (VNC), Mobile Fuge app for Apple iOS and Android
Material(s)	Steel, Structural Foam
Finish	Powder Coat Paint
Weight	267.4 kg(589.5 lb)
Width	63.5 cm(25 in)
Depth	80.0, cm(80.0, in)
Height	91.4 cm (152.4 cm with door open)
Clearances	7.6 cm (sides) & 16 cm (rear)
Humidity Restrictions	< 95% (non-condensing)
Power Requirements	200/208/240 V , 50/60 Hz

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