

Special Promotional Savings on Benchtop Centrifuges



NEW AVANTI J-15 SERIES

Part of a new family of life science equipment that provides exceptional performance you expect from Beckman Coulter.

- Speed Efficiency and Minimum Sample Disturbances with Ultra Harmonic Technology
 - Intelligent acceleration and deceleration profiles
- Fast and Accurate Imbalance Detection
 - Early diagnostic eliminates false positives with hardware and software improvements
- Efficiency
 - Easy one-touch access to 6 programs and store up to 99 programs
- Ease of Use and Faster Accessibility
 - Icon usability and intuitive display on high contrast color LCD screen
- Optimize Bench Space
 - With our truly ventilated unit while processing any protocol in cell culture, blood separation or microbiology

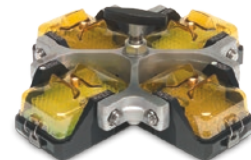


Description		VWR Cat. No.
Avanti J-15 Series <i>(Instruments Only)</i>	Avanti J-15, IVD, 100-120 V, 50/60 Hz, Ventilated Benchtop Centrifuge	76102-920
	Avanti J-15R, IVD, 120 V, 60 Hz, Refrigerated Benchtop Centrifuge	76102-924
Avanti J-15 Series Rotors	BIO JA-10.100,* Max. Capacity: 6 x 100 mL, Fixed-angle Rotor†	76102-914
	BIO JS-4.750,* Max. Capacity: 4 x 750mL, Swinging Bucket Rotor (buckets included)**	76102-916
	JS-4.750µ Microplate Swinging Bucket Rotor**	76102-918
Accessories	BIO JS-4.750* Tube-Bottle Bucket Covers (Set 2)	BK392805
	JS-4.750 Multi-well Plate Carrier Cover (Set 2)	BK393070
	JS-4.750 Replacement Tube-Bottle Bucket (Set 2)	BK392806
	JS-4.750 Replacement Multi-Well Plate Carrier (Set 2)	BK392873



JA-10.100 Rotor

JS-4.750 Rotor
(Bucket covers and bottles not included)



JS-4.750µ Rotor
(Microplates and microplate covers not included)

Aerosolve Cannisters



ALLEGRA FAMILY SERIES CENTRIFUGES

High performance centrifuges to meet all laboratory needs whether its compact design, faster runs, simple operation or durability.

Allegra X-14



ALLEGRA X-15R AND ALLEGRA X-14 SERIES

Allegra X-15R 208 V, 60 Hz | **Allegra X-14R** 120 V, 60 Hz | **Allegra X-14** 120 V, 60 Hz

- Exclusive ARIES technology automatically detects and corrects imbalance up to 50 grams
- Allegra X-15R and X-14R have fast, powerful refrigeration systems to help preserve temperature sensitive samples. Both units pre-cool from ambient to 4° C in less than 4 minutes.
- Complete your runs faster with a class-leading maximum swinging-bucket rotor RCF of 5,250 x g (Allegra X-15R)
- Allegra X-14 is factory set at 20° C
- Available in application packages

APPLICATION PACKAGES

ALLEGRA SERIES CELL CULTURE APPLICATION PACKAGE

Includes instrument, rotor, 15 mL conical adapters (qty. of 4), 50 mL conical adapters (qty. of 4). (Tubes not included.)

Description	Max. Tube Capacity**	VWR Cat. No. (Constant Temp.)	VWR Cat. No. (Refrig.)
X-14 IVD / X-14R IVD with 4 x 750 mL rotor	56 / 28	BKB08860	BKB08861
X-14 IVD / X-14R IVD with ARIES 4 x 750 mL rotor	56 / 28	BKB08862	BKB08863
X-15R with 4 x 750 mL rotor	56 / 28	—	BKB09822
X-15R with ARIES 4 x 750 mL rotor	56 / 28	—	BKB09823



SX4750A rotor
(Tubes not included.)

ALLEGRA SERIES CLINICAL/BLOOD SAMPLE PREPARATION APPLICATION PACKAGE

Includes instrument, rotor, 13 mm adapters (qty. of 4), 16 mm adapters (qty. of 4). (Tubes not included.)

Description	Max. Tube Capacity**	VWR Cat. No. (Constant Temp.)	VWR Cat. No. (Refrig.)
X-14 IVD / X-14R IVD with 4 x 750 mL rotor	120 / 76	BKB08882	BKB08883
X-14 IVD / X-14R IVD with ARIES 4 x 750 mL rotor	120 / 76	BKB08884	BKB08885



SX4750A rotor
(Tubes not included.)

ALLEGRA SERIES MICROPLATE APPLICATION PACKAGE

Includes instrument, rotor, microplate carriers. (Microplates and BioSafe+++ microplate covers sold separately.)

Description	Max. Tube Capacity**	VWR Cat. No. (Constant Temp.)	VWR Cat. No. (Refrig.)
X-14 IVD / X-14R IVD with 4 x 750 mL rotor	16 std. microplates	BKB08872	BKB08873
X-14 IVD / X-14R IVD with ARIES 4 x 750 mL rotor	16 std. microplates	BKB08874	BKB08875
X-15R with 4 x 750 mL rotor	16 std. microplates	—	BKB08870
X-15R with ARIES 4 x 750 mL rotor	16 std. microplates	—	BKB08871



SX4750μ rotor with
microplate carriers
(Microplates and microplate
covers sold separately.)

ALLEGRA SERIES BIOSAFE+++ AEROSOLVE APPLICATION PACKAGE

Includes instrument, rotor, Aerosolve Canisters (qty. of 4), 15 mL Conical BioSafe+++ Aerosolve Canister Tube Racks (qty. of 4), 50 mL Conical BioSafe+++ Aerosolve Canister Tube Racks (qty. of 4). (Tubes not included.)

Description	Max. Tube Capacity**	VWR Cat. No. (Constant Temp.)	VWR Cat. No. (Refrig.)
X-14 IVD / X-14R IVD with 4 x 750 mL rotor	24 / 16	BKB08894	BKB08895
X-14 IVD / X-14R IVD with ARIES 4 x 750 mL rotor	24 / 16	BKB08896	BKB08897
X-15R with 4 x 750 mL rotor	24 / 16	—	BKB08892
X-15R with ARIES 4 x 750 mL rotor	24 / 16	—	BKB08893



Aerosolve canister



Additional savings available. Visit vwr.com/beckman or contact your VWR Sales Representative for more information. **Offer is valid January 1st until December 15, 2018.**

ALLEGRA 6 SERIES

- 3,210 x *g* / 3,750 rpm with swinging-bucket rotor; 5,710 x *g* / 6,100 rpm with fixed-angle rotor
- Versatile—accepts samples from 1.5 mL to 750 mL
- Streamlined user interface reduces set-up time
- Simple and durable design



Allegra 6KR



Allegra 6R

ALLEGRA 6 SERIES

Description	VWR Cat. No.
Allegra 6R, 120 V, 60 Hz, refrigerated benchtop centrifuge	BK366816
Allegra 6KR, 120 V, 60 Hz, refrigerated knee-well centrifuge	BK366830
Allegra 6, 120 V, 60 Hz, ambient benchtop centrifuge	BK366802

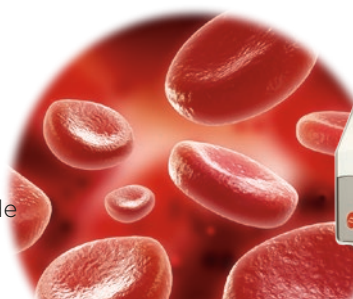


ADAPTERS AND ACCESSORIES - ALLEGRA X-15R, X-14, AND 6 SERIES

Description	VWR Cat. No.
7 x 50 mL conical adapter, pkg. of 2 (2 sets included with Cell Culture Package)	BK393266
14 x15 mL conical adapter, pkg. of 2 (2 sets included with Cell Culture Package)	BK359472
Bucket covers for SX4750 / SX4750A, pkg. of 2	BK392805
Microplate carriers, pkg. of 2	BK392806
Microplate carrier covers, pkg. of 2	BK393070

ALLEGRA X-30 SERIES

- Highest speed and *g*-force in its class†
- 13 rotors to choose from for various applications
- Space-saving footprint—only 18.1 in wide
- Available in four application packages



Allegra X-30

OPTIONS FOR ALLEGRA X-30 SERIES

Description	VWR Cat. No.
Bucket covers for SX4400 rotor, pkg. of 4	BK392266
S6096 Microplate rotor, 2 x 3 microplates	BK366830



SX4400 rotor
(Tubes not included.)



SX4400 rotor
(Tubes not included.)



S6096 rotor
(Microplates not included.)



F2402H rotor
(Tubes not included.)

APPLICATION PACKAGES

ALLEGRA X-30 SERIES CELL CULTURE APPLICATION PACKAGE

Includes instrument, rotor, 50 mL conical adapters (2 sets of 2), 15 mL conical adapters (2 sets of 2). (Tubes not included.) Wash, clarify, concentrate, harvest and separate cells and tissues from cultures. Ideal for cell culture processing—run 15 mL conical or 50 mL conical tubes and 400 mL bottles. Optional BioCertified* bucket covers are available separately.

Description	VWR Cat. No. (Ambient)	VWR Cat. No. (Refrig.)
X-30 IVD / X-30R IVD with SX4400 swinging-bucket rotor* Max. tube capacity:** 15 mL = 20 tubes / 50 mL = 12 tubes	BKB08536	BKB08540
X-30 IVD / X-30R IVD with SX4400 swinging-bucket rotor* Max. tube capacity:** 15 mL = 36 tubes / 50 mL = 16 tubes (Not compatible with BioCertified* bucket covers.)	BKB08705	BKB08708

ALLEGRA X-30 SERIES CLINICAL/BLOOD SAMPLE PREPARATION APPLICATION PACKAGE

Includes instrument, rotor, Vacutainer/Hemolyse/RIA adapters for 10 mL, 16 mm tubes (2 sets of 2), Vacutainer/Hemolyse/RIA adapters for 5 mL, 13 mm tubes (2 sets of 2). (Tubes not included.) Package maximizes throughput and capacity—processing up to 64 tubes per cycle—while requiring minimal space on the bench. Process blood, urine and other bodily fluids prior to analysis. Optional BioCertified bucket covers are available separately.

Description	VWR Cat. No. (Ambient)	VWR Cat. No. (Refrig.)
X-30 IVD / X-30R IVD with SX4400 swinging-bucket rotor* Max. tube capacity:** 13 mm = 64 tubes / 16 mm = 48 tubes	BKB05796	BKB05802

ALLEGRA X-30 SERIES MICROPLATE APPLICATION PACKAGE

Includes instrument, rotor, microplate carriers. (Microplates not included.) Ideal for high-throughput and high *g*-force microplate applications, as well as recovering protein precipitates and soluble proteins and elements in supernatant released from cells or tissues cultured in plates.

Description	VWR Cat. No. (Ambient)	VWR Cat. No. (Refrig.)
X-30 IVD / X-30R IVD with S6096 microplate rotor (Holds 6 standard or 2 deep-well plates)	BKB08538	BKB08542

ALLEGRA X-30 SERIES MOLECULAR PERFORMANCE APPLICATION PACKAGE

Includes instrument and rotor. (Tubes not included.) BioCertified* fixed-angle rotor delivers excellent performance with class-leading RPMs and *g*-forces—perfect for protein fractionation, nanoparticle separations and DNA/RNA isolation.

Description	VWR Cat. No. (Ambient)	VWR Cat. No. (Refrig.)
X-30 IVD / X-30R IVD with BioCertified* F2402H fixed-angle rotor (Holds 24 microcentrifuge tubes)	BKB08545	BKB08547



MICROFUGE SERIES

All models feature a maintenance-free, brushless induction drive, high *g*-forces to quickly separate DNA, RNA, proteins or virus cells, fast acceleration and deceleration rate for reduced process time, quiet operation, and compact design to fit easily in tight workspaces.

MICROFUGE 16 MICROCENTRIFUGE

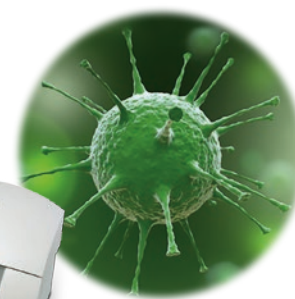
- RCF up to 16,163 x *g* and speeds up to 14,800 rpm
- Safety auto lock closure system and autoclavable 24-place rotor with snap-on lid
- Flexible processing programs with pulse, timed or continuous runs
- Compact space-saving footprint measures 8.9 x 10.5 x 6.9 in. (w x d x h)
- Cold room compatible[‡]

MICROFUGE 20 MICROCENTRIFUGE

- RCF up to 20,627 x *g* and speeds up to 15,000 rpm
- Maximum capacity with BioCertified* fixed-angle rotor FA361.5 (36 x 1.5 / 2.0 mL)
- Up to 10 user-defined programs
- Choose from four different rotor options
- Cold room compatible

MICROFUGE 20R MICROCENTRIFUGE

- RCF up to 20,627 x *g* and speeds up to 15,000 rpm
- Maximum capacity with BioCertified* fixed-angle rotor FA361.5 (36 x 1.5 / 2.0 mL)
- Up to 10 user-defined programs
- Choose from four different rotor options
- CFC-free refrigeration
- Precooling Program pre-cools sample quickly



Microfuge 16



Microfuge 20

Microfuge 20R

Description	VWR Cat. No.
Microfuge 16, 100-120 V, 50 / 60 Hz with FX241.5P rotor	BKA46472
Microfuge 20, IVD, 120 V, 60 Hz with FA241.5P rotor	89429-540
Microfuge 20, IVD, 120 V, 60 Hz with FA241.5 rotor	89429-542
Microfuge 20, IVD, 120 V, 60 Hz with FA361.5 rotor	89429-544
Microfuge 20R, IVD, 120 V, 60 Hz with FA241.5P rotor	89429-546
Microfuge 20R, IVD, 120 V, 60 Hz with FA241.5 rotor	89429-548
Microfuge 20R, IVD, 120 V, 60 Hz with FA361.5 rotor	89429-550

Rotors FX241.5P, FX121.5P, FA241.5, FA241.5P and FA361.5 can spin:
- 0.25 mL / 0.40 mL tubes with adapter (Cat. No. **BK361247**, pack of 24)
- 0.50 mL / 0.75 mL tubes with adapter (Cat. No. **BK364690**, pack of 12)
- 0.200 mL tubes with adapter (Cat. No. **BK392294**, pack of 12)

To request a quote, please contact
your VWR Sales Representative:

Name

Email

Phone.....



1.800.932.5000
vwr.com

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IVD: In Vitro Diagnostics

* Adapters compatible with JA-10.100 rotor: BK344497, BK392824, BK392823, BK-392270, BK392830 and BK322268

** Most SX4750 and SX4750A rotors' tube-bucket adapters are compatible with the JS-4.750 rotor. Always refer to the rotor manual for the list of compatible tubes, bottles and adapters.

*** BioSafe and BioSafety are terms intended to describe the enhanced biocontainment features of our products.

† Allegra X-30R with F2402H fixed-angle rotor

‡ BioCertified Rotor is BioCertified when used in conjunction with bucket covers, microplate covers or aerosolve canisters. BioCertified is a term used to describe our products which have been tested and validated to demonstrate containment of microbiological aerosols by an independent, third-party facility (Health Protection Agency, Porton Down, UK or USAMRIID, Ft. Detrick, MD, USA). Improper use or maintenance may affect seal integrity and thus, containment.

** Max. tube capacity is the maximum number of specific tubes that can be run in the rotor.

‡ The Microfuge 16 IFU states "humidity controlled cold room".

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