

# Allegra X-15R and X-14 Series



Brilliance  
*at every turn.*





# Allegra X-15R

The best swinging bucket in the industry.

## MAXIMUM PERFORMANCE.

If you operate a high-throughput lab, get to know the Allegra X-15R. Able to process up to 148 tubes per cycle, this centrifuge delivers maximum performance and cost-effective versatility through a wide variety of available rotors, tubes, bottles, and accessories.

With a powerful, built-in refrigeration system, the X-15R cools more quickly and maintains temperature even at maximum speed. The ARIES Smart Balance Rotor System automatically detects and corrects up to 50 grams of imbalance, which not only reduces mid-run interruptions to save you time, but also helps to minimize instrument wear and tear. BioCertified<sup>†</sup> rotors, covers, and canisters are tested to ensure potentially harmful aerosols are contained, maintaining safety in the lab.



# Allegra X-14 Series

Everything you love about Allegra X-15R, now in a convenient 120-volt package.

As a great 120-volt alternative to the higher-voltage Allegra X-15R, we're introducing the Allegra X-14 Series. These benchtop centrifuges are convenient, hardworking, reliable, and will speed up your process, cycle after cycle.

## SPECIFICATIONS

	ALLEGRA X-15R	ALLEGRA X-14R	ALLEGRA X-14
Swinging Bucket Rotor	4,750 rpm; 5,250 x <i>g</i>	4,300 rpm; 4,300 x <i>g</i>	4,300 rpm; 4,300 x <i>g</i>
Fixed-Angle Rotor	10,200 rpm; 11,400 x <i>g</i>	10,200 rpm; 11,400 x <i>g</i>	10,200 rpm; 11,400 x <i>g</i>
Refrigeration	CFC-Free	CFC-Free	CFC-Free
Maximum Capacity	3 Liters	3 Liters	3 Liters
Run Time	Timed (Up to 99 hrs, 59 min) Hold, Pulse	Timed (Up to 99 hrs, 59 min) Hold, Pulse	Timed (Up to 99 hrs, 59 min) Hold, Pulse
Drive	Brushless Induction	Brushless Induction	Brushless Induction
Programs	10 user-defined	10 user-defined	10 user-defined
Accel/Decel Profiles	10/11	10/11	10/11
Temperature Range	-10° C to +40° C (selectable)	+2° C to +40° C (selectable)	Preset to +20° C*
Dimensions (cm), Lid Closed	76.2W x 62.2D x 34.3H	76.2W x 62.2D x 34.3H	76.2W x 62.2D x 34.3H
Dimensions (in), Lid Closed	30W x 24.5D x 13.5H	30W x 24.5D x 13.5H	30W x 24.5D x 13.5H
Weight Without Rotor	128 kg (283 lb)	128 kg (283 lb)	128 kg (283 lb)
Electrical	208V, 60 Hz	120V, 60 Hz	120V, 60 Hz

\* The constant-temperature Allegra X-14 utilizes a refrigeration system pre-set to +20° C.

## ORDERING INFORMATION

### BENCHTOP CENTRIFUGE MODELS

Part No.	Description
392932	Allegra X-15R Centrifuge, 208V, 60 Hz
A99465	Allegra X-14R Centrifuge, 120V, 60 Hz
A99464	Allegra X-14 Centrifuge, 120V, 60 Hz

### ROTORS

Part No.	Description	Max Speed (rpm)	Max RCF, x g
Swinging Bucket Rotors		X-15R/X-14 Series	X-15R/X-14 Series
369702	4x750 mL Swinging Bucket Rotor Assembly w/o Bucket Covers (SX4750)	4,750 / 4,300	5,250 / 4,300
369704	4x750 mL ARIES Self-Balancing Swinging Bucket Rotor Assembly w/o Bucket Covers (SX4750A)	4,750 / 4,300	5,250 / 4,300
392806	Microplate Carriers for SX4750 & SX4750A Rotor (SX4750 <sub>μ</sub> ) 16 Standard Microplates, 4 Deep-Well/Square-Well Plates, 4 of 96-Tube Racks (Set of 2), Includes Carriages	4,450 / 4,000	4,060 / 3,283

### Fixed-Angle Rotor

BIO C

369735	BioCertified <sup>†</sup> 6x100 mL Fixed-Angle Rotor (FX6100)	10,200	11,400
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### Rotor Accessories

BIO C

392805	BioCertified <sup>†</sup> Covers for SX4750 & SX4750A Round Buckets (Set of 2)	—	—
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BIO C

393070	BioCertified <sup>†</sup> Covers for SX4750 <sub>μ</sub> Microplate Carriers (Set of 2)	—	—
392873	Replacement Carriages for SX4750 <sub>μ</sub> Microplate Carriers, Includes Rubber Pads (Set of 2)	—	—

### TUBE AND BOTTLE ADAPTERS

Part No.	Tube Volume (mL)	Tube Diameter (mm)	Color	Bucket Capacity	Rotor Capacity	Pack of
Adapters for Direct Centrifugation of Cell Culture Flasks (SX4750 & SX4750A)						
369292	Corning T-75 cm <sup>2</sup> Canted-Neck Cell Culture Flasks**	—	Orange	1	4	2
369295	Corning T-25 cm <sup>2</sup> Canted-Neck Cell Culture Flasks**	—	Green	2	8	2

### Modular Disk Adapters for Tubes (SX4750 & SX4750A)

359469 & 359148	3 mL & 5 mL	10 & 12	Blue	37	148	2 & 4
343108	Tube Decanter for P/N 359469 & 359148	—	—	—	—	Each
354511	1.5 mL Adapter Plate for P/N 359469 & 359148	—	—	—	—	Each
359478 & 359157	3 mL & 5 mL	13	Tan	30	120	2 & 4
359470 & 359149	7 mL & 10 mL	14	Orange	24	96	2 & 4
359471 & 359150	12 mL	16	Purple	19	76	2 & 4
359472 & 359151	15 mL (Conical)	18	Green	14	56	2 & 4
359473 & 359152	15 mL & 20 mL (Round)	18	Green	14	56	2 & 4
359475 & 359154	30 mL (Round) & 50 mL (Conical)	30	Light Green	4	16	2 & 4
359474 & 359153	50 mL (Round)	29	Yellow	7	28	2 & 4
359476 & 359155	50 mL (Round)	35	Dark Blue	4	16	2 & 4
393266 & 393267	50 mL (Conical)	30	Grey	7	28	2 & 4
359477 & 359156	100 mL	44	Brown	2	8	2 & 4

### Adapters for Bottles (SX4750 & SX4750A)

356983	230 mL (Conical)-Insert for Use with 349946	62	Orange	1	4	Each
349946	250 mL Flat Bottom	62	Yellow	1	4	Each
349849	250 mL (Corning Conical)	62	Warm Red	1	4	Each
349945	500 mL Flat Bottom	70	Tan	1	4	Each
349846	750 mL Flat Bottom (Can also be used with 500 mL Corning Conical Tubes with Corning Cushion)	96	Blue	1	4	Each

(Tube and bottle adapters continued on back)

\*\* Corning is a trademark of Corning Incorporated.

<sup>†</sup> Validation of microbiological containment was done at an independent, third-party facility (CAMR, Porton Down, UK or USAMRIID, Ft. Detrick, MD, USA). Improper use or maintenance may affect seal integrity and, thus, containment.

**BIO C** 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.



TUBE AND BOTTLE ADAPTERS (continued)						
Part No.	Tube Volume (mL)	Tube Diameter (mm)	Color	Bucket Capacity	Rotor Capacity	Pack of
<b>BioCertified<sup>†</sup> Aerosolve Canisters and Tube Racks (SX4750 &amp; SX4750A)</b>						
359481 & 359232	BioCertified <sup>†</sup> Aerosolve Canisters	—	—	—	—	2 & 4
354495	1.5 mL	11	White	24	96	Each
359482 & 359160	3 mL & 5 mL	12	Blue	24	96	2 & 4
359489 & 358993	5 mL	12	Tan	24	96	2 & 4
359483 & 359161	10 mL	14	Orange	18	72	2 & 4
359484 & 359162	12 mL, 3 mL & 5 mL	16, 12	Purple	12, 6	48, 24	2 & 4
359485 & 359163	15 mL & 20 mL (Round), 3 mL & 5 mL	18, 12	Green	12, 6	48, 24	2 & 4
359487 & 358991	15 mL (Conical), 3 mL & 5 mL (Round)	17, 12	Light Green	6, 6	24, 24	2 & 4
359486 & 359164	50 mL, 3 mL & 5 mL	29, 12	Yellow	4, 4	16, 16	2 & 4
359488 & 358992	50 mL (Conical), 3 mL & 5 mL (Round)	30, 12	Lime Green	4, 4	16, 16	2 & 4
356985	230 mL (Conical)	62	Orange	1	4	2
<b>Adapters for Tubes (FX6100)</b>						
392824	10 mL	16	White	—	6	6
392823	15 mL	18	White	—	6	6
392270	15 mL (Conical)	17	Beige	—	6	6
392822	30 mL	25.7/25	White	—	6	6
392821	35 mL	29	White	—	6	6
392830	50 mL	29	Blue	—	6	6
392268	50 mL (Conical)	28.5	Beige	—	6	6
Accommodates 100 mL, 94 mL, 85 mL, 80 mL and 70 mL tubes without adapters, directly in rotor cavity.						

With over three-quarters of a century in developing scientific instruments, Beckman Coulter has earned the sobriquet of gold standard from our customers around the globe. We've built a reputation of innovation by challenging convention and redefining standards of excellence.

The Allegra suite of instruments is no exception. These general purpose, benchtop mainstays perform with endurance under the most exacting standards—their sheer longevity is a form of built-in sustainability. And each instrument is a precision-made beauty worthy of the Beckman Coulter name.



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B2011-12484-1.5K-SPG

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