

# Excellent performance and easy operation in a compact design.

## Allegra X-30 Series 1.6-Liter General Purpose Centrifuges

Blood Banking  
Capillary Electrophoresis  
**Centrifugation**  
Flow Cytometry  
Genomics  
Lab Automation  
Lab Tools  
Particle Characterization

The Allegra X-30 Series Benchtop Centrifuges were designed with your needs in mind.

▪ **Excellent Performance**

Offers the **highest speed and g-force in its class** with a fixed-angle or microplate rotor and pre-cools from room temperature to 4°C in less than 10 minutes. Faster set-up and higher speed equal less time waiting for your run to finish.

▪ **Versatile**

**Multiple rotor and adapter options** support a wide variety of applications.

▪ **Ease of Use**

**Large, intuitive user interface** simplifies programming and enhances visibility across the lab.

▪ **Compact Design**

At **only 18 inches wide**, conserves bench space without sacrificing functionality. Up to 35% narrower than comparable refrigerated instruments.



BioCertified\* Swinging-bucket Rotor  
(Optional BioSafe® Bucket Covers available separately)



BioCertified\* Fixed-angle Rotor



Microplate Rotor

**Allegra X-30 is ideal for the following applications:**

Protein Isolation/Fractionation	✓
Lysates/Homogenates	✓
Nucleic Acids	✓
Cell Isolation	✓
Pelleting	✓
Virus Pelleting	✓
Blood Sample Preparation	✓

See reverse for additional features and specifications.

# Allegra X-30 Series Benchtop Centrifuges

## SPECIFICATIONS

	Allegra X-30	Allegra X-30R
Refrigeration	No	Yes, CFC-Free
Maximum Speed	16,000 rpm	18,000 rpm
Maximum g-Force	23,511 x g	29,756 x g
Maximum Capacity	4 x 400 mL	4 x 400 mL
Run Time	Timed (Up to 9 hrs, 59 min) Hold, Pulse (Short Run)	Timed (Up to 9 hrs, 59 min) Hold, Pulse (Short Run)
Drive	Brushless Induction	Brushless Induction
Accel/Decel Profiles	10/10	10/10
Operating Temperature	Ambient	+2°C to +40°C
Set Temperature Range	N/A	-20°C to +40°C
Dimensions (cm) Lid Closed	46.0W x 55.0D x 35.5H	46.0W x 70.7D x 37.0H
Dimensions (in) Lid Closed	18.1W x 21.7D x 14.0H	18.1W x 27.8D x 14.6H
Weight without Rotor	48 kg (106 lb)	78 kg (172 lb)

## ORDERING INFORMATION

Cat. No.	Description
BKBO6314	Allegra X-30, 120V, 60Hz
BKBO6320	Allegra X-30R, 120V, 60Hz

Rotors				
Cat. No.	Description	Max (rpm) Speed <sup>4</sup>	Max RCF, g <sup>5</sup>	
BKBO1425 <sup>‡</sup>	4 x 400 mL Swinging-bucket Rotor (SX4400)	4,700	4,255	
BK392243	4 x 250 mL Swinging-bucket Rotor (SX4250)	4,500	3,901	
BK392266	BioSafe <sup>§</sup> Bucket Covers for SX4250 or SX4400 (Set of 4)	–	–	
BK361171	24 x 1.5 mL Fixed-angle Rotor (F2402H)	18,000	29,756	
BK392274	30 x 1.5 mL Fixed-angle Rotor (FX301.5)	16,000	28,672	
BK392271	24 x 1.5 mL Swinging-bucket Rotor (SX241.5)	14,000	16,244	
BK364670	6 x 50 mL Conical Tube Fixed-angle Rotor (C0650)	10,000	10,304	
BK364680	10 x 15 mL Conical Tube Fixed-angle Rotor (C1015)	10,000	10,416	
BK364650	6 x 85 mL Fixed-angle Rotor (F0685)	10,000	10,864	
BK364640	8 x 50 mL Fixed-angle Rotor (F0850)	11,400	13,682	
BK361231	6 x 30 mL Fixed-angle Rotor (F0630)	18,000	28,305	
BK361221	10 x 10 mL Fixed-angle Rotor (F1010)	18,000	27,579	
BKBO1430	2 x 3 Microplate Rotor, 2 x 1 Deep-well plates (S6096)	4,700	2,721	
BK361111	2 x 3 Microplate Rotor, 2 x 1 Deep-well plates (S2096)	3,000	1,107	

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Tube Adapters				
Cat. No.	Tube Volume (mL)	Tube Size (mm)	Bucket/Rotor Capacity	Pack of
Adapters for SX4400, SX4250 Rotors				
BK368461 <sup>‡</sup>	50 mL (Conical)	30x120	4/16	2
BK368464 <sup>‡</sup>	15 mL (Conical)	17x120	9/36	2
BK-392258	50 mL (Conical)	28.5x100	3/12	2
BK392257	15 mL (Conical)	17x120	5/20	2
BK392256	250 mL (Flat)	61.8x125	1/4	2
BK368457	180 mL	56.5x113	1/4	2
BK368458	125 mL	50.5x99	1/4	2
BK368459	80/100 mL (Glass)	44x100	1/4	2

Tube Adapters, cont.				
Cat. No.	Tube Volume (mL)	Tube Size (mm)	Bucket/Rotor Capacity	Pack of
Adapters for SX4400, SX4250 Rotors, cont.				
BK392261	85 mL (Oak Ridge)/94 mL	38x112	1/4	2
BK368477	50 mL (Oak Ridge)	28.5x107	4/16	2
BK392265	50 mL (Glass)	34x100	3/12	2
BK368462	30 mL (w/Screw Cap)	26x100	5/20	2
BK368463	25 mL (Glass)	24x100	5/20	2
BK368468	10 mL (Oak Ridge)	16.1x81.1	12/48	2
BK368465	10/15 mL (Round)	17x110	12/48	2
BK368467	5 mL (Round)	13x75	16/64	2
BK392263	RIA Tubes	12x75	25/100	2
BK368469	7 mL (Glass)	12x100	16/64	2
BK368470	1.5/2.2 mL	11x38	16/64	2
BK368471	0.5 mL (PCR)	7x19	24/96	2
Adapters for FX301.5, F2402H, SX241.5 Rotors				
BK361247	0.25 mL/0.40 mL	5x45 / 7x40	30	24
BK364690	0.50 mL/0.75 mL	18x28	30	12
Adapters for F0685 Rotor				
BK392617	15 mL (Round)	18x106	6	6
BK347539	50 mL (Round)	29x104	6	1
BK-392270	15 mL (Conical)	17x100	6	6
BK392268	50 mL (Conical)	28.5x120	6	6
Adapters for F0850 Rotor				
BK870329	15 mL	17x120	8	1
Adapters for C0650 Rotor				
BK393088	15 mL (Conical)	17x120	6	1
Adapters for F1010 Rotor				
BK342602	10 mL	16x64	10	12

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\* **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.

**BIOC** BioCertified. See previous footnote for detailed information.

<sup>4</sup> Ambient instrument speed and RCF performance are lower than refrigerated instrument, see manual for details.

<sup>‡</sup> Rotor is BioCertified when used in conjunction with part number BK392266 (BioSafe Bucket Covers).

<sup>§</sup> **BioSafe** and **BioSafety** are terms intended to describe the enhanced biocontainment features of our products.

<sup>‡</sup> Adapter cannot be used with BioSafe Bucket Covers.

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