



**BECKMAN  
COULTER**

*The Medium Capacity, Compact  
Multipurpose Benchtop Centrifuge*

**ALLEGRA® X-22 SERIES**

BENCHTOP CENTRIFUGES

**Just 46 cm/  
18 inches wide!**

With its compact size and library of rotors, the Allegra X-22 Series is the solution for your medium capacity, multipurpose centrifuge requirements.

UP TO 25 CM/10 INCHES THINNER  
THAN OTHER BENCHTOP CENTRIFUGES

- Only 46 cm/18 inches Wide
- 11-piece Rotor Library
- Achieve up to 22,065 x g

*24 x 1.5 mL  
Biocontainment  
Certified\*\* Rotor*

*24 x 1.5 mL  
Swinging-bucket Rotor*

*30 x 1.5 mL Rotor*

*4 x 250 mL Swinging-bucket Rotor*

**FOUR WAYS TO SPIN 1.5 mL & PCR TUBES**

**Biosafety**

- 24-place Fixed-angle Rotor\*\* – 22,065 x g
- 30-place Fixed-angle Rotor – 21,952 x g
- 6 x 4-place Swinging-bucket Rotor – 16,244 x g – For Flat Pelleting
- 4 x 16-place Swinging-bucket Rotor – 3,901 x g

**ONE ROTOR SPINS 500 µL TO 250 mL**

- 4 x 250 mL – Maximum Capacity
- 4,500 rpm – 3,901 x g – Maximum gForce
- Spin:
  - 250 mL Bottles
  - 100 mL, 94 mL, 85 mL Bottles
  - 50 mL Conical and Round-bottom Tubes
  - 15 mL Conical and Round-bottom Tubes
  - 30 mL, 25 mL, 10 mL Tubes
  - 1.5 mL and 500 µL PCR Tubes
- And More...18 Different Adapters

# ORDERING INFORMATION

| Part No. | Description                             |
|----------|---|
| 392187   | Allegra X-22R Centrifuge, 60Hz, 120V    |
| 392188   | Allegra X-22R Centrifuge, 50Hz, 230V    |
| 392189   | Allegra X-22R Centrifuge, 50/60Hz, 100V |
| 392184   | Allegra X-22 Centrifuge, 60Hz, 120V     |
| 392185   | Allegra X-22 Centrifuge, 50Hz, 230V     |
| 392186   | Allegra X-22 Centrifuge, 50/60Hz, 100V  |

## ROTORS

| Part No.                                | Description                                       | Max (rpm) Speed | Max RCF, g |
|---|---|-----------------|------------|
| 392243                                  | 4 x 250 mL Swinging-bucket Rotor (SX4250)         | 4,500           | 3,901      |
| <i>-18 Different Adapters Available</i> |   |                 |            |
| 392266                                  | Bucket Covers for SX4250 (Set of 4)               |                 |            |
| 361171                                  | 24 x 1.5 mL Fixed-angle Rotor (F2402H)**          | 15,500          | 22,065     |
| 392274                                  | 30 x 1.5 mL Fixed-angle Rotor (FX301.5)           | 14,000          | 21,952     |
| 392271                                  | 24 x 1.5 mL Swinging-bucket Rotor (SX241.5)       | 14,000          | 16,244     |
| 364670                                  | 6 x 50 mL Conical Tube Fixed-angle Rotor (C0650)  | 9,500           | 9,299      |
| 364680                                  | 10 x 15 mL Conical Tube Fixed-angle Rotor (C1015) | 9,500           | 9,400      |
| 364650                                  | 6 x 85 mL Fixed-angle Rotor (F0685)               | 10,000          | 10,864     |
| 364640                                  | 8 x 50 mL Fixed-angle Rotor (F0850)               | 10,000          | 10,528     |
| 361231                                  | 6 x 30 mL Fixed-angle Rotor (F0630)               | 15,300          | 20,450     |
| 361221                                  | 10 x 10 mL Fixed-angle Rotor (F1010)              | 15,300          | 19,926     |
| 361111                                  | 2 x 3 Microplate Rotor (S2096)                    | 3,000           | 1,109      |

*-Holds 6 Standard, 2 Deep-well, 2 Square-well Plates*

## ADAPTERS FOR SX4250 ROTOR

| Part No. | Tube Volume                         | Tube Size, mm | Bucket/Rotor Capacity | Pack of |
|----------|-------------------------------------|---------------|-----------------------|---------|
| 392256   | 250 mL (Flat)                       | 61.8x125      | 1/4                   | 2       |
| 368457   | 180 mL                              | 56.5x113      | 1/4                   | 2       |
| 368458   | 125 mL                              | 50.5x99       | 1/4                   | 2       |
| 368459   | 80/100 mL (Glass)                   | 44x100        | 1/4                   | 2       |
| 392261   | 85 mL (Oakridge)/94 mL              | 38x112        | 1/4                   | 2       |
| 368477   | 50 mL (Oakridge)                    | 28.5x107      | 4/16                  | 2       |
| 392265   | 50 mL (Glass)                       | 34x100        | 3/12                  | 2       |
| 392258   | 50 mL (Conical)                     | 28.5x100      | 3/12                  | 2       |
| 368462   | 30 mL (w/Screw Cap)                 | 26x100        | 5/20                  | 2       |
| 368463   | 25 mL (Glass)                       | 24x100        | 5/20                  | 2       |
| 392257   | 15 mL (Conical)                     | 17x120        | 5/20                  | 2       |
| 368468   | 10 mL (Oakridge)                    | 16.1x81.1     | 12/48                 | 2       |
| 368465   | 10/15 mL (Round) & 10 mL Monovettes | 17x110        | 12/48                 | 2       |
| 368467   | 5 mL Vacutainer/Hemolyse/RIA Tubes  | 13x75         | 16/64                 | 2       |
| 392263   | RIA Tubes                           | 12x75         | 25/100                | 2       |
| 368469   | 7 mL (Glass)                        | 12x100        | 16/64                 | 2       |
| 368470   | 1.5/2.2 mL                          | 11x38         | 16/64                 | 2       |
| 368471   | 0.5 mL (PCR)                        | 7x19          | 24/96                 | 2       |

\* PCR is licensed under U.S. patent numbers 4,683,202, 4,683,195, 4,965,188, and 5,075,216 or their foreign counterparts owned by Hoffmann-La Roche and F. Hoffmann-La Roche Ltd.

\*\* 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.

The Allegra X-22 and X-22R Centrifuges are part of a full line of Allegra Series Benchtop Centrifuges designed to address your applications needs today and in the future.

**Allegra 25R** *Extreme Performance. Powerful.*  
**Allegra X-15R & X-12 Series** *High Performance and Capacity. Unparalleled.*  
**Allegra X-22 Series** *Medium Capacity. Compact.*

## SPECIFICATIONS

|                           | Allegra® X-22R   | Allegra X-22   |
|---------------------------|--|--|
| Refrigeration             | Yes, CFC-Free  | No   |
| Maximum Speed             | 15,500 rpm (Fixed-angle)                               | 14,500 rpm (Fixed-angle)                               |
| Maximum g-Force           | 22,065 x g   | 19,309 x g   |
| Maximum Capacity          | 4 x 250 mL   | 4 x 250 mL   |
| Run Time                  | Timed (Up to 9 hrs, 59 min)<br>Hold, Pulse (Short Run) | Timed (Up to 9 hrs, 59 min)<br>Hold, Pulse (Short Run) |
| Drive                     | Brushless Induction                                    | Brushless Induction                                    |
| Accel/Decel Profiles      | 10/10  | 10/10  |
| Operating Temperature     | +2°C to +40°C  | Ambient  |
| Set Temperature Range     | -20°C to +40°C   | N/A  |
| Dimensions(cm) Lid Closed | 46W x 70.7D x 37H                                      | 46W x 55D x 35.5H                                      |
| Dimensions(in) Lid Closed | 18.1W x 27.8D x 14.6H                                  | 18.1W x 21.7D x 14H                                    |
| Weight without Rotor      | 78 kg (172 lbs)  | 48 kg (106 lbs)  |

## ADAPTERS FOR FX301.5, F2402H, SX241.5 ROTOR

| Cat. No. | Tube Volume     | Tube Size, mm | Rotor Capacity | Pack of |
|----------|-----------------|---------------|----------------|---------|
| 361247   | 0.25 mL/0.40 mL | 5x45/7x40     | 30             | 24      |
| 364690   | 0.50 mL/0.75 mL | 18x28         | 30             | 12      |

## ADAPTERS FOR F0685 ROTOR

| Cat. No. | Tube Volume     | Tube Size, mm | Rotor Capacity | Pack of |
|----------|-----------------|---------------|----------------|---------|
| 392617   | 15 mL (Round)   | 18x106        | 6              | 6       |
| 347539   | 50 mL (Round)   | 29x104        | 6              | 1       |
| 392270   | 15 mL (Conical) | 17x100        | 6              | 6       |
| 392268   | 50 mL (Conical) | 28.5x120      | 6              | 6       |

## ADAPTER FOR F0850 ROTOR

| Cat. No. | Tube Volume | Tube Size, mm | Rotor Capacity | Pack of |
|----------|-------------|---------------|----------------|---------|
| 870329   | 15 mL       | 17x120        | 8              | 1       |

## ADAPTER FOR C0650 ROTOR

| Cat. No. | Tube Volume     | Tube Size, mm | Rotor Capacity | Pack of |
|----------|-----------------|---------------|----------------|---------|
| 393088   | 15 mL (conical) | 29x104        | 6              | 1       |

## ADAPTER FOR F1010 ROTOR

| Cat. No. | Tube Volume | Tube Size, mm               | Bucket/Rotor Capacity | Pack of |
|----------|-------------|-----------------------------|-----------------------|---------|
| 342602   | 6.5 mL      | Rubber Pad for Tube Removal |                       | 12      |

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