



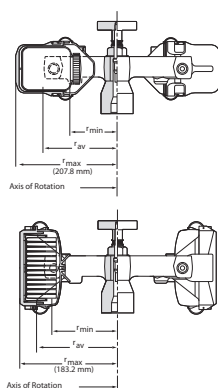
SX4750/4750A

Biosafety

4 x 750 mL

SX4750/4750A

1



Swinging-Bucket Rotor, Stainless Steel/Aluminum

Major applications: Rapid sedimentation of protein precipitates, large particles, cells and cell debris.

Max. rpm	Max. g	Number of Tubes Volume/Size	Approximate Accel/Decel Time (min:sec)
4,750†	5,250†	4 x 750 mL 96 x 130 mm 3.85 x 5.25 in	0:80/0:80

For use in Allegra® X-15R and Allegra X-12 Series centrifuges.

No. 369702. SX4750 Swinging-Bucket BioSafe® Rotor. Four-place rotor with stainless-steel rotor yoke and removable aluminum swinging buckets. Buckets are interchangeable with SX4750 BioSafe Microplate Carriers 392806 for spinning microtiter plates or microfuge tubes using rack inserts.

BioSafe® Bucket Covers

No. 392805. Set of two. Transparent bucket covers for SX4750 round rotor buckets to contain broken tubes.

Aerosolve® Cannisters

No. 359232. Set of four.

No. 359481. Set of two.

Aerosolve Cannisters fit in SX4750 round rotor buckets. These Biosafety cannisters feature an O-ring seal and are completely transparent so a broken tube can be seen and proper precautions taken before you break the seal. Cannisters can also be used as 500 mL wide-mouth bottles. Specially designed adapters accommodate most popular tubes within the cannister.

In the Tubes and Bottles chart following, adapters required for the use of tubes within Aerosolve Cannisters are listed in bold type.

Cell Culture Flask Adapters

No. 369292. Accommodate Corning® 75 cm² Canted-Neck Cell Culture Flasks (PN 430641). One flask per adapter. 3,024 rpm; 2,080 x g.

No. 369295. Accommodate Corning 25 cm² Canted-Neck Cell Culture Flasks (PN 430639). Two flasks per adapter. 3,200 rpm; 2,000 x g.

No. 369704. SX4750A Swinging-Bucket BioSafe Rotor. Four-place rotor with stainless-steel rotor yoke and removable aluminum swinging buckets. ARIES™ technology provides imbalance correction for rotors with buckets that are unbalanced up to 50 grams in opposing loads.



SX4750µ Biosafety Microplate Carriers

No. 392806. SX4750µ Biosafety Microplate Carrier Assembly. Includes carriage 392873 and rubber pad to cushion plates. Each carrier can hold up to 4 microplates, 1 deep-well/square well plate, 1 rack of MiniTubes, or other labware in 96-well format. Set of 2. Maximum allowable speed in Allegra X-12 is 3,750 rpm (2,890 x g), in Allegra X-15R, maximum allowable speed is 4,450 rpm (4,060 x g).

Replacement Parts for SX4750/SX4750A

392804	Bucket (set of 2)
392805	Bucket covers (set of 2)
961648	Replacement bucket O-ring (pkg/8)
360587	Bucket cover latch assembly

Replacement Parts for SX4750µ Microplate Carriers

393070	Biocertified cover for SX4750µ microplate carriers
392812	Replacement cover gasket (set of 4)
392873	Replacement carriage, includes rubber pad (set of 2)
392872	Replacement rubber pad for carriage (set of 4)

* With sealed bucket covers.

† Rated at 3,750 rpm/3,270 x g in the Allegra X-12 Series centrifuges.

‡ Corning is a trademark of Corning Incorporated.



SX4750/4750A (cont'd) Biosafety 4 x 750 mL

SX4750/4750A

1

Bottles and Tubes

Tube Style/Material	Nominal Volume per Tube (mL)	Part No.	Quantity	Size (mm)	Required Modular Disk Adapters Set of 2/Set of 4	Tubes per Adapter	g-Force*	k Factor	Maximum Speed*
Bottles, Wide-mouth									
Polycarbonate	250	358275	25	62 x 122	349946	1	5,250	—	4,750
Polypropylene	500	355650	6	69 x 159	349945	1	5,250	—	4,750
Polypropylene	250	358326	25	62 x 120	349946	1	5,250	—	4,750
Bottles with Cap Assemblies									
Polyallomer	50	357001	6	29 x 104	359474/359153 359486/359164†	7 4	5,250	—	4,750
	50	361694	24	29 x 104	359474/359153 359486/359164†	7 4	5,250	—	4,750
Polycarbonate	50	361693	24	29 x 104	359474/359153 359486/359164†	7 4	5,250	—	4,750
Polycarbonate, Wide-mouth	250	356013	6	62 x 120	349946	1			
Polypropylene, Wide-mouth	250	356011	6	62 x 120	349946	1	5,250	—	4,750
	500	355607	6	69 x 160	349945	1	5,250	—	4,750
Bottles with Screw Caps									
Polyallomer	50	357003	25	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
Polycarbonate	50	357002	25	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
	250	355673	6	62 x 136	349946	1	5,250	—	4,750
	750	358299	6	96 x 130	349846	1	5,250	—	4,750
Polypropylene	750	356855	6	96 x 130	349846	1	5,250	—	4,750
Polypropylene, Wide-mouth	500	355665	6	69 x 159	349945	1	5,250	—	4,750
Teflon with High-Speed Cap	50	363076	8	28.5 x 107	359474/359153 359486/359164†	7 4	5,250	—	4,750

* Rated at 3,750 rpm/3 270 x g Allegra X-12 Series centrifuges.

† Adapters required for the use of tubes within Aerosolve® Cannisters are listed in bold type.

Adapters

349846 349945 349946 359474 359486





SX4750/4750A (cont'd)

Biosafety

4 x 750 mL

SX4750/4750A

1

Bottles and Tubes

Tube Style/Material	Nominal Volume per Tube (mL)	Part No.	Quantity	Size (mm)	Required Modular Disk Adapters Set of 2/Set of 4	Tubes per Adapter	g-Force*	k Factor	Maximum Speed*
Open-Top Tubes									
Polyallomer, Thick-wall	10	355640	25	16 x 76	359471/359150 359484/359162†	19 10	5,250	—	4,750
Polyethylene	15	342081	100	18 x 98	359473/359152	14	5,250	—	4,750
Polycarbonate	12	355630	25	16 x 76	359471/359150 359484/359162†	19 10	5,250	—	4,750
	15	342080	100	18 x 98	359473/359152	14	5,250	—	4,750
	50	363647	25	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
Polycarbonate, Graduated	50	363075	8	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
Polypropylene	15	342082	100	18 x 98	359473/359152	14	5,250	—	4,750
	50	357007	25	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
Tubes with Snap-On Caps									
Polyallomer	1.5	357448	500	11 x 38	359469†/359148‡ 354495/ —†	37 24	5,250	—	4,750
Polycarbonate	50	363664	25	29 x 104	359474/359153 359486/359164†	7	5,250	—	4,750
Polycarbonate, Conical	230	356987	6	62 x 141	356983/ —** 356985/ —	1	5,250	—	4,750
Polyethylene	1.9	340196	500	11 x 39	359469†/359148‡ 354495/ —†	37 24	5,250	—	4,750
Polypropylene, Conical	230	356989	6	62 x 141	356983/ —** 356985/ —	1	5,250	—	4,750

* Rated at 3 750 rpm/3 270 x g in the Allegra X-12 Series centrifuges.

† Adapters required for the use of tubes within Aerosolve Cannisters are listed in bold type.

‡ Requires 1.5-mL adapter plate PN 354511.

** Requires adapter PN 349946, available 1 each pack.

Adapters





SX4750/4750A (cont'd) Biosafety 4 x 750 mL

SX4750/4750A

1

Tubes with Snap-On Caps (cont'd)

Tube Style/Material	Nominal Volume per Tube (mL)	Part No.	Quantity	Size (mm)	Required Modular Disk Adapters Set of 2/Set of 4	Tubes per Adapter	g-Force*	k Factor	Maximum Speed*
Polypropylene	50	357005	25	29 x 104	359474/359153 359486/359164 †	7	5,250	—	4,750
Orange	1.5	356094	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750
Yellow	1.5	356093	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750
Green	1.5	356092	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750
Blue	1.5	356091	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750
Natural	1.5	356090	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750
Natural**	1.5	343169	500	11 x 38	359469/359148‡ 354495 / —†	37	5,250	—	4,750

BioVials

Polypropylene	4	566353	1,000	14 x 55	359470/359149 344517 / —†	24	5,250	—	4,750
---------------	---	--------	-------	---------	-------------------------------------	----	-------	---	-------

Blood-Bag Cups

No. 356856. Yellow cup with inner diameter of 90 mm for single- or double-packs.

No. 356857. Orange cup with inner diameter of 97 mm for triple- or quad-packs.



SX4750µ Biosafety[§] Microplate Carriers

No. 392806. SX4750 BioSafe Microplate Carrier Assembly. Includes carriage 392873 and rubber pad to cushion plates. Each carrier can hold up to 4 microplates, 1 deep-well/square well plate, 1 rack of MiniTubes, or other labware in 96-well format. Set of 2. Maximum allowable speed is 3 750 rpm (2 890 x g).



* Rated at 3,750 rpm/3,270 x g in the Allegra X-12 Series centrifuges, 4 450 rpm/4 060 x g in Allegra X-15R.

† Adapters required for the use of tubes within Aerosolve Cannisters are listed in bold type.

‡ Requires 1.5-mL adapter plate PN 354511, sold individually.

Rotor Supplies

392804	Round Bucket (set of 2)
392805	Round Bucket Cover (set of 2)
961648	Round Bucket O-ring (pkg of 8)
360587	Round Bucket Cover Latch Assembly
368148	Bucket Cover Air-Vent Filter (pkg of 60)

Adapters

344517	349946	354495	359469	359470	359474	359486
--------	--------	--------	--------	--------	--------	--------

