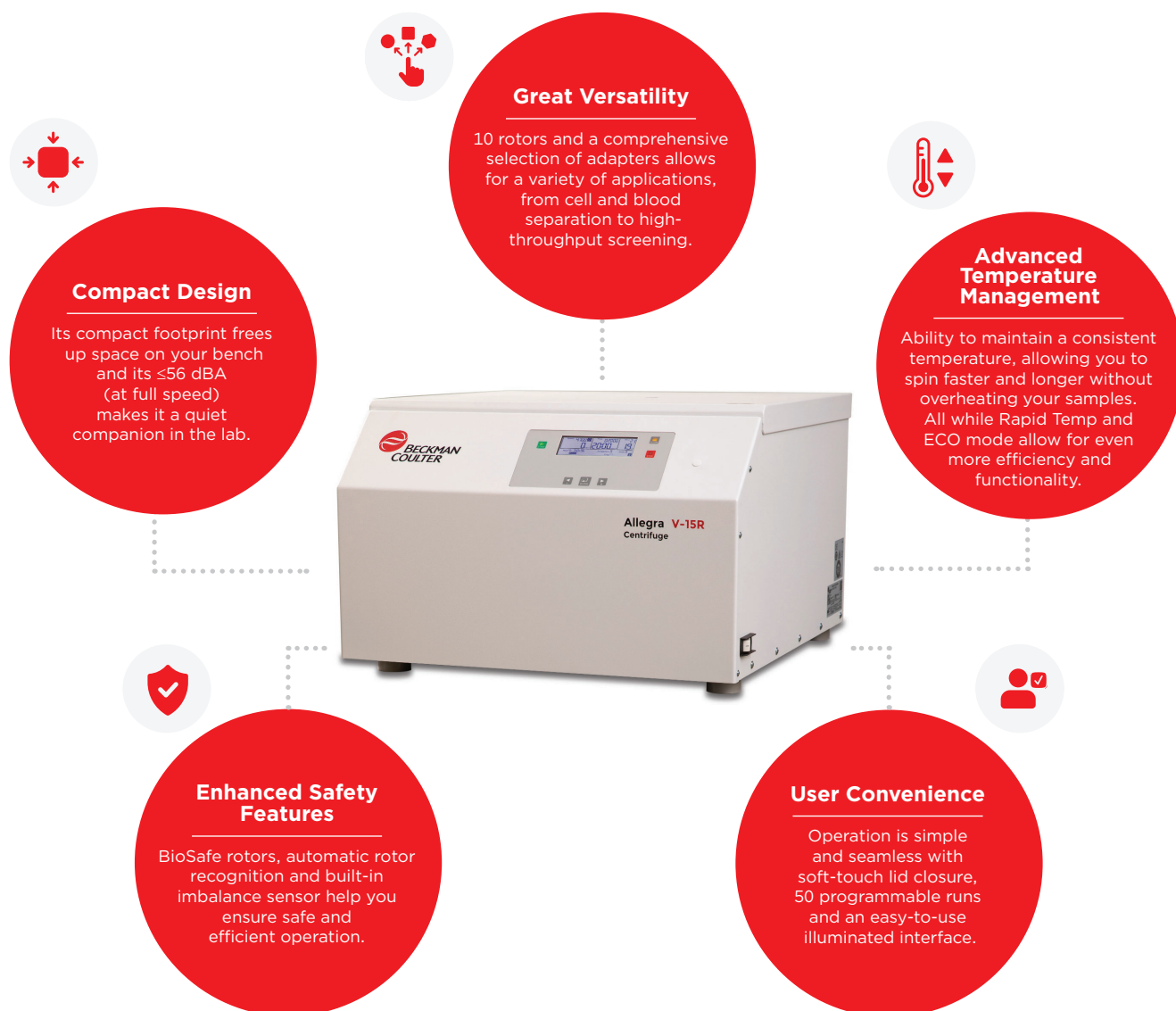




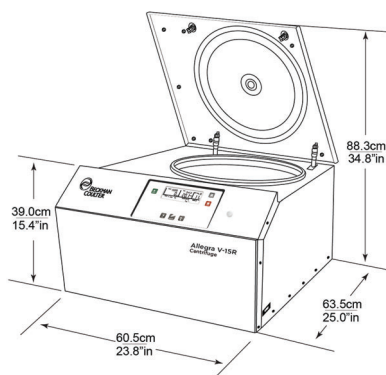
Allegra V-15R Benchtop Centrifuge

The Allegra V-15R benchtop centrifuge brings more versatility to your bench. This compact, refrigerated centrifuge is ideal for evolving labs looking to:

- Free up precious benchtop space
- Support multiple workflows with just one instrument



SPECIFICATIONS



Feature	Allegra V-15R Benchtop Centrifuge	
Max RCF	20,412 x <i>g</i>	
Fixed-Angle	20,412 x <i>g</i>	
Swinging-Bucket (120 V / 240 V)	4,264 x <i>g</i> / 4,651 x <i>g</i>	
Plates (120 V / 240 V)	4,932 x <i>g</i> / 5,495 x <i>g</i>	
Max Speed	13,500 rpm	
Capacity	4 x 750 mL / 60 x 15 mL / 28 x 50 mL / 4 x 4 plates	
Acceleration / Deceleration Options	10 / 10	
Number of Programs	50	
Set Temperature Range	-10 to 40° C	
Refrigerant	CFC-Free R452A	
Noise Level	≤56 dBA at max speed	
Dimensions	39 x 60.5 x 63.5 cm / 15.4 x 23.8 x 25 in (H x W x D)	
Weight	100 kg (243 lbs)	
Ordering Information	General Use¹	IVD²
120 V, 60 Hz	C63124	C63125
200 V, 50/60 Hz 208 V, 60 Hz	C63128	C63129
220 - 240 V, 50 Hz	C63126	C63127
220 - 240 V, 50 Hz with CCC Plug	C63161	C63190

Mobile Cart for Allegra V-15R

Cart Dimensions	58.1 x 60.5 x 63.5 cm / 22.9 x 23.8 x 25 in (H x W x D)
Cart with Centrifuge Dimensions	97.1 x 60.5 x 63.5 cm / 38.2 x 23.8 x 25 in (H x W x D)
Ordering Information	Description
Order No.	C63177



¹ General Use. Not intended or validated for use in the diagnosis of disease or other conditions.

² In Vitro Diagnostics Use.

APPLICATION PACKAGES

Cell Culture Package

Includes: Instrument, VS 4.750 swinging-bucket rotor, 12 x 15 mL (C63164) and 5 x 50 mL (C63167) conical tube adapters (qty of 4 of each).

Wash, clarify, concentrate, harvest and separate cells and tissues from cultures. From mammalian to bacterial cells and everything in between, our Cell Culture Application Package is designed to deliver the results you need. Run 15 mL or 50 mL tubes. Ideal for processing cell cultures in large-, medium- and mini-scales. Increase laboratory safety with available BioCertified bucket covers (not included).



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63438	C63439
200 V, 50/60 Hz 208 V, 60 Hz	C63440	C63441
220 - 240 V, 50 Hz	C63436	C63437

High-Throughput Cell Culture Package

Includes: Instrument, VS 4.750 swinging-bucket rotor, 15 x 15 mL (C63165) and 7 x 50 mL (C63168) conical tube adapters (qty of 4 each).

Run 60, 15 mL conical tubes and 28, 50 mL conical tubes for your cell culture workflows. Not compatible with BioSafe bucket covers.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C69866	C69867
200 V, 50/60 Hz 208 V, 60 Hz	C69878	C69879
220 - 240 V, 50 Hz	C69864	C69865

¹ General Use. Not intended or validated for use in the diagnosis of disease or other conditions.

² In Vitro Diagnostics Use.

Blood Sample Preparation Package

Includes: Instrument, VS 4.750 swinging-bucket rotor, BioSafe bucket covers, and 12.8 mm (C63172) and 13.8 mm (C63173) and 17.5 mm (C63188) adapters (qty of 4 each).

Processing up to 148, 12.8 mm diameter blood tubes, 92, 13.8 mm diameter blood tubes or 76, 17.5 mm diameter blood tubes per run. Our Blood Sample Preparation packages deliver the speed and flexibility your busy laboratory needs.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63420	C63421
200 V, 50/60 Hz 208 V, 60 Hz	C63422	C63423
220 - 240 V, 50 Hz	C63418	C63419

High Capacity Blood Sample Package

Includes: Instrument VS 4.750-Hex swinging-bucket rotor and adapters 13.5 mm (C63176) and 17.5 mm (B30603) for round-bottom blood tubes.

Maximize throughput and capacity—processing up to 144, 13.5 mm diameter blood tubes or 100, 17.5 mm diameter blood tubes per run.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63426	C63427
200 V, 50/60 Hz 208 V, 60 Hz	C63428	C63429
220 - 240 V, 50 Hz	C63424	C63425

Swinging-Bucket Package

Includes: Instrument and VS 4.750 swinging-bucket rotor.

Achieve great versatility all in one rotor with the ability to swing 4x750 mL bottles or other common tubes and bottles with our selection of adapters.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63386	C63387
200 V, 50/60 Hz 208 V, 60 Hz	C63388	C63389
220 - 240 V, 50 Hz	C63384	C63385

BioSafe Swinging-Bucket Package

Includes: Instrument, VS 4.750 swinging-bucket rotor and BioSafe bucket covers (qty 4).

Minimize contamination from broken or leaking tubes with BioSafe bucket covers, contributing to laboratory safety. Each cover seals with an O-ring and is autoclavable up to 121° C for 20 minutes.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63444	C63445
200 V, 50/60 Hz 208 V, 60 Hz	C63446	C63447
220 - 240 V, 50 Hz	C63442	C63443

Microplate Swinging-Bucket Package

Includes: Instrument and VS 4.750-96 swinging-bucket rotor.

Ideal for high-throughput microplate applications, enabling speedy preparation of your samples for downstream applications including UV-VIS absorbance, fluorescence, luminescence, PCR and real-time PCR.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63450	C63375
200 V, 50/60 Hz 208 V, 60 Hz	C63376	C63377
220 - 240 V, 50 Hz	C63448	C63449

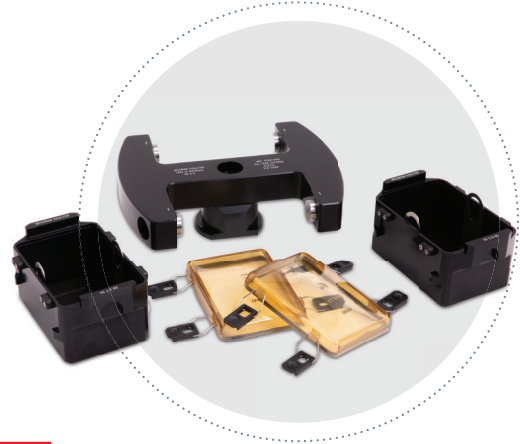
¹ General Use. Not intended or validated for use in the diagnosis of disease or other conditions.

² In Vitro Diagnostics Use.

Deep Well Plate Swinging-Bucket Package

Includes: Instrument and VS 2.5-96 swinging-bucket rotor with BioSafe bucket covers.

Ideal for high-throughput and high *g*-force microplate applications, as well as recovering protein precipitates, soluble proteins and elements in supernatant released from cells or tissues cultured in plates. Our Deep Well Package supports laboratory safety with the option to use BioSafe bucket covers. Each cover seals with an O-ring and is autoclavable up to 121° C for 20 minutes.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63380	C63381
200 V, 50/60 Hz 208 V, 60 Hz	C63382	C63383
220 - 240 V, 50 Hz	C63378	C63379

Fixed-Angle Rotor Package

Includes: Instrument and VFC 8.50 rotor.

High-speed rotor that can spin 8 x 50 mL conical tubes for a variety of applications. Adapters allow for the spinning of 50 mL round-bottom tubes, 25-30 mL skirted tubes and 15 mL conical tubes.

BioSafe lid minimizes contamination from broken or leaking tubes and helps ensure laboratory safety.



	General Purpose ¹	IVD ²
120 V, 60 Hz	C63432	C63433
200 V, 50/60 Hz 208 V, 60 Hz	C63434	C63435
220 - 240 V, 50 Hz	C63430	C63431

¹ General Use. Not intended or validated for use in the diagnosis of disease or other conditions.

² In Vitro Diagnostics Use.

ROTOR AND ADAPTER SPECIFICATIONS AND ORDER INFORMATION












VS 4.750 Swinging-Bucket Rotor



Max. labware height mid-bucket: 148 mm















Max. labware height mid-bucket with BioSafe Lid: 137 mm

Item Number	C63142
Rotor Capacity	4 x 750 mL
Rotor Angle	90°
Max. RPM (120V / 200 - 240V)	4,500 / 4,700
Max. RCF (120V / 200 - 240V)	4,264 / 4,651 x g
Permissible Net Weight	Qty 4 x 1,000 grams
Max. Speed for 4° C Operation	4,700 RPM

Labware Specifications								
Item Number (Qty 6)	358299 Polycarbonate with Screw Cap 356855 Polypropylene with Screw Cap	C63162 Polypropylene with Screw Cap	--	356013 Polycarbonate with Cap Assembly 356011 Polypropylene with Cap Assembly	--	--	--	--
Nominal Volume (mL)	750	500	500	250	250	230	200	100
Bottom Shape	Flat	Flat	Conical	Flat	Conical	Conical	Conical	Round
Nominal Width x Height (mm)	96 x 130	85 x 135	95.5 x 147*	62 x 120	62 x 145*	61 x 137	61 x 130	44 x 100
Tubes per Rotor	1 x 4	1 x 4	1 x 4	1 x 4	1 x 4	1 x 4	1 x 4	2 x 4
Required Adapter Specifications								
Item Number (Qty 2)	C63192	C63170	C63171	C63401	C63169	C63399	C63169	C63398
Bore Diameter (mm)	101	86	96.3	62.5	62.5	61	62.5	45.5
Max. RPM	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700
Max. RCF (x g)	4,651	4,577	4,651	4,577	4,651	4,651	4,651	4,577











*Not compatible with BioSafe Lids (C63153)

VS 4.750 Swinging-Bucket Rotor (continued)

Labware Specifications								
Item Number (Qty 25 unless specified)	361693 Polycarbonate with Cap Assembly (Qty 24) 361694 Polypropylene with Cap Assembly (Qty 24) 357002 Polycarbonate with Screw Cap 357003 Polypropylene with Screw Cap 36364 Polycarbonate Open-Top 357007 Polypropylene Open-Top 363664 Polycarbonate with Snap-On Cap 357005 Polypropylene with Snap-On Cap	--	--	--	--	--	--	--
Nominal Volume (mL)	50	50	50	50	25 to 30	15		
Bottom Shape	Round	Round	Conical	Skirted	Skirted	Conical		
Nominal Width x Height (mm)	29 x 104	35 x 100	29 x 117	29 x 117	25 x 90 - 107	16.5 x 120		
Tubes per Rotor	7 x 4	4 x 4	5 x 4	7 x 4	5 x 4	7 x 4	12 x 4	15 x 4
Required Adapter Specifications								
Item Number (Qty 2)	C63166	C63397	C63167	C63168*	C63373	C63372	C63164	C63165*
Bore Diameter (mm)	29.5	35.5	29.5	29.5	29.5	25.5	17	17
Max. RPM	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700
Max. RCF (x g)	4,577	4,577	4,602	4,602	4,503	4,330	4,267	4,267


*Not compatible with BioSafe Lids (C63153)

VS 4.750 Swinging-Bucket Rotor (continued)

Labware Specifications					
Item Number (Qty 500)	--	--	--	--	357448 1.5 mL Polypropylene with Snap-On Caps
Nominal Volume (mL)	10	10	7	5	1.5 to 2
Tube Type	Round-Bottom	Blood Collection	Blood Collection	Blood Collection	Microtube
Nominal Width x Height (mm)	16.1 x 118	17.5 x 108** - 131*	13.8 x 107	12.8 x 108**	10.7 x 42
Tubes per Rotor	20 x 4	19 x 4	23 x 4	37 x 4	26 x 4
Required Adapter Specifications					
Item Number (Qty 2)	C63174	C63188	C63173	C63172	C63163
Bore Diameter (mm)	16.5	17.5	13.8	12.8	11.1
Max. RPM	4,700	4,700	4,700	4,700	4,700
Max. RCF (x g)	4,528	4,528	4,503	4,453	4,478

*Not compatible with BioSafe Lids (C63153)

**Maximum tube length with adapter and BioSafe Lids (C63153)

Accessory Specifications			
Item Number (Qty 2 unless specified)	C93466 (Qty 4)	C63153	961930
Accessory Type	Bucket	BioSafe Lid	O-ring
Max. RPM (120V / 200 - 240V)	4,500 / 4,700	-	-
Max. RCF (120V / 200 - 240V)	4,264 / 4,651 x g	-	-

*** The round bucket version of the Allegra VS 4.750 swinging-bucket rotor is certified as BioSafe when used with the bucket cover.

BIOC***

VS 4.750-Hex Swinging-Bucket Rotor




Item Number	C63143
Rotor Capacity	4 x 25 x 10 mL
Rotor Angle	90°
Max. RPM (120V / 200 - 240V)	4,300 / 4,700
Max. RCF (120V / 200 - 240V)	3,748 / 4,478 x g
Permissible Net Weight	Qty 4 x 900 grams
Max. Speed for 4° C Operation	4,700 RPM

Labware Specifications					
Nominal Volume (mL)**	10	10	6 to 10	5 to 7	5 to 7
Tubes Type	Blood Collection	Beckman Coulter AutoMate 2500	Blood Collection	Blood Collection	Beckman Coulter AutoMate 2500
Nominal Width x Height (mm)	17.5 x 131*	16 x 91 to 131*	17.5 x 106 - 107	13.5 x 82 - 108	13 x 82 - 108
Tubes per Rotor	11 x 4	16 x 4	25 x 4	36 x 4	25 x 4
Required Adapter Specifications					
Item Number (Qty 2)	B30603	B32767	B30603	C63176	B32766
Bore Diameter (mm)	17.5	16	17.5	13.5	13
Max. RPM	4,700	4,700	4,700	4,700	4,700
Max. RCF (x g)**	4,379	4,354	4,379	4,379	4,404

*Longer tubes may not work in the adapter cells along the perimeter.

**Observe the manufacturer's recommendations for maximum fill volume and RCF limits.

Accessory Specifications	
Item Number (Qty 4)	C93475
Accessory Type	Bucket
Max. RPM (120V / 200 - 240V)	4,300 / 4,700
Max. RCF (120V / 200 - 240V)	3,748 / 4,478 x g




VF 48.2 Fixed-Angle Rotor **BIOC**



Item Number	C63136
Rotor Capacity	48 x 2 mL
Rotor Angle	25° (Outer Row) / 53° (Inner Row)
Max. RPM	13,500
Max. RCF	20,412 x g
Max. Speed for 4° C Operation	13,000 RPM

Labware Specifications				
Item Number (Qty 500)	340196 1.8 mL Polyethylene with Snap-On Cap 357448 1.5 mL Polypropylene with Snap-On Cap 343169 1.5 mL Polypropylene with Separate Cap	---	---	---
Nominal Volume (mL)*	1.5 to 2 mL	0.5 mL (500 µL)	0.4 mL (400 µL)	0.2 mL (200 µL)
Tube Type	Microtube / Microcentrifuge Tube	Microtube	Microtube	PCR Tube
Nominal Width x Height (mm)	10.7 x 42	7.9 x 28	5.8 x 47	5.85 x 20
Tubes per Rotor	1 x 48	1 x 48	1 x 48	1 x 48
Required Adapter Specifications	---			
Item Number (Qty 12)	Not Required	C63416	C63415	C63414
Bore Diameter (mm)	11.1	8	6	6.3
Max. RPM*	13,500	13,500	13,500	13,500
Max. RCF (x g)*	20,412	20,004	20,004	19,596

*Observe the manufacturer's recommendations for maximum fill volume and RCF limits.


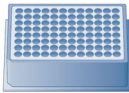
Accessory Specifications			
Item Number (Qty 1)	C63146	A57892	C63179
Accessory Type	BioSafe Rotor Lid	Large O-ring	Small O-ring

VS 4.750-96 Swinging-Bucket Rotor




Max. labware height: 61 mm

Item Number	C63144
Rotor Capacity	4 x 4 x 48 mL
Rotor Angle	90°
Max. RPM (120V / 200 - 240V)	4,500 / 4,700
Max. RCF (120V / 200 - 240V)	3,561 / 3,884 x g
Permissible Net Weight	Qty 4 x 500 grams
Max. Speed for 4° C Operation	4,700 RPM

Labware Specifications		
Item Number	609844 - 96-Well Plate, Non-Sterile (Qty 100) Accessory Options: 267002 - Cap Strip, Non-Sterile (Qty 10)* 267005 - Cap Strip, Sterile (Qty 10)* 538619 - Aluminum Foil Lid (Qty 100)**	--
Nominal Volume per Well	0.3 mL (300 µL)	2 mL
Labware Type	Microtiter Plate	Deep Well Plate
Plates per Rotor	4 x 4	1 x 4
Max. Plate Dimensions (mm)	86 x 128	86 x 128

*Cap Strips are required between stacked plates for speeds greater than 2,900 RPM for this rotor. Maximum plates per carrier when using Cap Strips is 3.

**Foil lids require part number 538618, 4" soft rubber roller for installation.

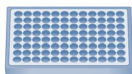
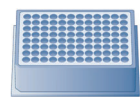
Accessory Specifications		
Item Number (Qty 2)	C93476 (Qty 4)	C63157
Accessory Type	Carrier (Bucket) Assembly (includes Carriages)	Carriage
Max. RPM (120V / 200 - 240V)	4,500 / 4,700	--
Max. RCF (120V / 200 - 240V)	3,561 / 3,884 x g	--

VS 2.5-96 Swinging-Bucket Rotor



Max. Plate Height: 93 mm
Max. Plate Height with BioSafe Lid: 80 mm

Item Number	C63145
Rotor Capacity	2 x 5 x 96 mL
Rotor Angle	90°
Max. RPM (120V / 200 - 240V)	5,400 / 5,700
Max. RCF (120V / 200 - 240V)	4,932 / 5,495 x g
Permissible Net Weight	2 x 520 grams
Max. Speed for 4° C Operation	5,600 RPM

Labware Specifications		
Item Number	609844 - 96-Well Plate, Non-Sterile (Qty 100) Accessory Options: 267002 - Cap Strip, Non-Sterile (Qty 10)* 267005 - Cap Strip, Sterile (Qty 10)* 538619 - Aluminum Foil Lid (Qty 100)**	--
Nominal Volume per Well	0.3 mL (300 µL)	2 mL
Labware Type	Microtiter Plate	Deep Well Plate
Plates per Rotor	5 x 2	1 x 2
Max. Plate Dimensions (mm)	86 x 128	86 x 128

*Cap Strips are required between stacked plates for speeds greater than 2,900 RPM for this rotor.

**Foil lids require part number 538618, 4" soft rubber roller for installation.









Accessory Specifications				
Item Number (Qty 2)	C63158	C63160	C63159	C63181
Accessory Type	Carrier (Bucket) Assembly (includes Carriage)	Carriage	Biosafe Lids	Gasket
Max. RPM (120V / 200 - 240V)	5,400 / 5,700	--	--	--
Max. RCF (120V / 200 - 240V)	4,932 / 5,495 x g	--	--	--

*** The Allegra VS 2.5-96 swinging-bucket rotor is certified as BioSafe when used with the carrier cover.



VF 100.2 Fixed-Angle Rotor



Item Number	C63137
Rotor Capacity	100 x 2.2 mL
Rotor Angle	45°
Max. RPM	6,500
Max. RCF	7,713 x g (Outer Row) 7,145 x g (Inner Row)
Max. Speed for 4° C Operation	6,500

Labware Specifications					
Item Number (Qty 500)	340196 1.8 mL Polyethylene with Snap-On Cap 357448 1.5 mL Polypropylene with Snap-On Cap 343169 1.5 mL Polypropylene with Separate Cap	---	---	---	---
Nominal Volume (mL)*	1.5 to 2 mL	0.5 mL (500 µL)	0.4 mL (400 µL)	0.2 mL (200 µL)	
Tube Type	Microtube / Microcentrifuge Tube	Microtube	Microtube	PCR Tube	
Nominal Width x Height (mm)	10.7 x 42	7.9 x 28	5.8 x 47	5.85 x 20	
Tubes per Rotor	1 x 48	1 x 48	1 x 48	1 x 48	
Required Adapter Specifications	---				
Item Number (Qty 12)	Not Required	C63416	C63415	C63414	
Bore Diameter (mm)	11.1	8	6	6.3	
Max. RPM*	6,500	6,500	6,500	6,500	
Max. RCF (x g)*	7,713 (Outer Row) 7,145 (Inner Row)	7,679 (Outer Row) 6,388 (Inner Row)	7,679 (Outer Row) 6,388 (Inner Row)	7,524 (Outer Row) 6,294 (Inner Row)	

*Observe the manufacturer's recommendations for maximum fill volume and RCF limits.

Accessory Specifications		
Item Number (Qty 1)	C63147	C63180
Accessory Type	Rotor Lid	Large O-ring

VFC 24.15 Fixed-Angle Rotor



Item Number	C63138
Rotor Capacity	24 x 15 mL
Rotor Angle	30° (Outer Row) 40° (Inner Row)
Max. RPM	9,000
Max. RCF	11,431 x g (Outer Row) 11,431 x g (Inner Row)
Max. Speed for 4° C Operation	9,000

Labware Specifications



Nominal Volume (mL)*	15
Bottom Shape	Conical
Nominal Tube Width x Height (mm)	16.5 x 120
Tubes per Rotor	1 x 24
No Adapter Required	
Bore Diameter (mm)	17
Max. RPM	9,000
Max. RCF (x g)*	11,431

*Observe the manufacturer's recommendations for maximum fill volume and RCF limits.

Accessory Specifications










Item Number	C63148	A57892	368300
Accessory Type	Rotor Lid	Large O-ring	Small O-ring


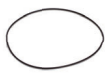

VFC 8.50 Fixed-Angle Rotor **BIOC**



Item Number	C63139
Rotor Capacity	8 x 50 mL
Rotor Angle	25°
Max. RPM	11,360
Max. RCF	15,032 x g
Max. Speed for 4° C Operation	11,360

Labware Specifications				
Item Number (Qty 25 unless specified)	--	361693 (Qty 24) Polycarbonate with Cap Assembly 361694 (Qty 24) Polypropylene with Cap Assembly 357002 Polycarbonate with Screw Cap 357003 Polypropylene with Screw Cap 363647 Polycarbonate Open-Top 357007 Polypropylene Open-Top 363664 Polycarbonate with Snap-On Cap 357005 Polypropylene with Snap-On Cap	--	--
Nominal Volume (mL)*	50	50	25 to 30	15
Bottom Shape	Conical	Round	Skirted	Conical
Nominal Width x Height (mm)	29.5 x 117	29 x 104	25 x 90 to 107	16.5 x 120
Tubes per Rotor	1 x 8	1 x 8	1 x 8	1 x 8
Required Adapter Specifications	--			
Item Number (Qty 2)	Not Required	C63371	C63369	C63417
Bore Diameter (mm)	29.5	29.5	25.5	17
Max. RPM	11,360	11,360	11,360	11,360
Max. RCF (x g)*	15,032	13,586	11,707	14,887










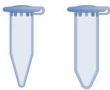








*Observe the manufacturer's recommendations for maximum fill volume and RCF limits.

Accessory Specifications			
Item Number	C63149	C69755	C63179
Accessory Type	BioSafe Rotor Lid	Large O-ring	Small O-ring




VF 6.94 Fixed-Angle Rotor **BIOC**



Item Number	C63140
Rotor Capacity	6 x 94 mL
Rotor Angle	25°
Max. RPM	10,000
Max. RCF	11,872 x g
Max. Speed for 4° C Operation	10,000

Labware Specifications										
Item Number (Qty 25 unless specified)	355643 94 mL Polypropylene Thick-Wall Open Tube 363081 (Qty 6) 85 mL Polycarbonate with Cap Assembly 363082 (Qty 6) 80 mL Polypropylene with Cap Assembly	--	--	357002 Polycarbonate with Screw Cap 357003 Polypropylene with Screw Cap 36347 Polycarbonate Open-Top Tube 357007 Polypropylene Open-Top Tube	--	--	--	--	--	340196 (Qty 500) 1.8 mL Polyethylene with Snap-On Cap 357448 (Qty 500) 1.5 mL Polypropylene with Snap-On Cap 343169 (Qty 500) 1.5 mL Polypropylene with Separate Cap
Nominal Volume (mL)*	94 to 80	50	50	30	30	15	15	10	1.5 to 1.8 mL	
Bottom Shape	Round	Conical	Round	Round	Round	Round	Conical	Round	Microcentrifuge Tube	
Nominal Width x Height (mm)	38 x 102	29.5 x 117	29 x 104	25.3 x 89	23.6 x 106	17.5 x 106	16.5 x 120	16.1 x 81.1	11 x 38 to 45	
Tubes Per Rotor	1 x 6	1 x 6	1 x 6	1 x 6	1 x 6	1 x 6	1 x 6	2 x 6	6 x 6	
Required Adapter Specifications	--									
Item Number (Qty 2 unless specified)	Not Required	C63412	392830 (Qty 6)	C63410	C63411	C63408	C63409	C63407	344497 (Qty 1 stack) in 392830	
Bore Diameter (mm)	38.3	30	29	26	24.5	18	17	16.2	11.1	
Max. RPM	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Max. RCF (x g)*	11,872	11,872	11,536	9,968	11,088	10,976	11,760	8,624	8,669 Top 10,763 Bottom	










*Observe the manufacturer's recommendations for maximum fill volume and RCF limits.




Accessory Specifications			
Item Number	C63150	C69755	C63179
Accessory Type	BioSafe Rotor Lid	Large O-ring	Small O-ring

VF 6.250 Fixed-Angle Rotor **BIOC**



Item Number	C63141
Rotor Capacity	6 x 250 mL
Rotor Angle	30°
Max. RPM	5,450
Max. RCF	4,824 x g
Max. Speed for 4° C Operation	5,450

Labware Specifications					
Item Number (Qty 25 unless specified)	356013 (Qty 6) Polycarbonate with Cap Assembly 356011 (Qty 6) Polypropylene with Cap Assembly	361693 (Qty 24) Polycarbonate with Cap Assembly 361694 (Qty 24) Polypropylene with Cap Assembly 357002 Polycarbonate with Screw Cap 357003 Polypropylene with Screw Cap 363647 Polycarbonate Open-Top 357007 Polypropylene Open-Top 363664 Polycarbonate with Snap-On Cap 357005 Polypropylene with Snap-On Cap	---	---	357448 (Qty 500) 1.5 mL Polypropylene with Snap-On Cap
Nominal Volume (mL)	250	50	50	15	1.5
Bottom Shape	Flat	Round	Conical	Conical	Microcentrifuge Tube
Nominal Width x Height (mm)	62 x 120	29 x 104	29 x 117	16.5 x 120	11 x 38
Tubes per Rotor	1 x 6	1 x 6	1 x 6	4 x 6	9 x 6
Adapter Specifications	---				
Item Number (Qty 2)	Not Required	C63403	C63405	C63404	C63406
Bore Diameter (mm)	61.8	29.5	30	17	11.1
Max. RPM	5,450	5,450	5,450	5,450	5,450
Max. RCF (x g)	4,824	4,558	4,691	4,790	4,258

Accessory Specifications			
Item Number	C63151	C69757	C63179
Accessory Type	BioSafe Rotor Lid	Large O-ring	Small O-ring

LABWARE SPECIFICATION TABLE

Bottles & Tubes

Item Number	Type	Package Quantity	Closure	Material	Nominal Volume	Diameter	Length
358299	Flat-Bottom, Wide-Mouth Bottle	6	Screw-cap	Polycarbonate	750 mL	96 mm	130 mm
356855	Flat-Bottom, Wide-Mouth Bottle	6	Screw-cap	Polypropylene	750 mL	96 mm	130 mm
C63162	Flat-Bottom, Wide-Mouth Bottle	6	Screw-cap	Polypropylene	500 mL	85 mm	135 mm
356011	Flat-Bottom, Wide-Mouth Bottle	6	Cap Assembly	Polypropylene	250 mL	62 mm	120 mm
356013	Flat-Bottom, Wide-Mouth Bottle	6	Cap Assembly	Polycarbonate	250 mL	62 mm	120 mm
358275	Flat-Bottom, Wide-Mouth Bottle	6	Open-Top	Polycarbonate	250 mL	62 mm	120 mm
358326	Flat-Bottom, Wide-Mouth Bottle	6	Open-Top	Polypropylene	250 mL	62 mm	120 mm
355643	Thick-Wall, Round-Bottom Tube	25	Open-Top	Polypropylene	94 mL	38 mm	102 mm
363081	Round-Bottom Bottle	6	Cap Assembly	Polycarbonate	85 mL	38 mm	104 mm
363082	Round-Bottom Bottle	6	Screw-cap	Polypropylene	80 mL	38 mm	104 mm
357000	Round-Bottom Bottle	6	Cap Assembly	Polycarbonate	50 mL	29 mm	104 mm
357001	Round-Bottom Bottle	6	Cap Assembly	Polypropylene	50 mL	29 mm	104 mm
357002	Round-Bottom Bottle	25	Screw-Cap	Polycarbonate	50 mL	29 mm	104 mm
357003	Round-Bottom Bottle	25	Screw-Cap	Polypropylene	50 mL	29 mm	104 mm
361693	Round-Bottom Bottle	24	Cap Assembly	Polycarbonate	50 mL	29 mm	104 mm
361694	Round-Bottom Bottle	24	Cap Assembly	Polypropylene	50 mL	29 mm	104 mm
363647	Round-Bottom Tube	25	Open-Top	Polycarbonate	50 mL	29 mm	104 mm
357007	Round-Bottom Tube	25	Open-Top	Polypropylene	50 mL	29 mm	104 mm
363075	Round-Bottom, Graduated Tube	8	Open-Top	Polycarbonate	50 mL	29 mm	104 mm
363664	Round-Bottom Tube	25	Snap-On Cap	Polycarbonate	50 mL	29 mm	104 mm
357005	Round-Bottom Tube	25	Snap-On Cap	Polypropylene	50 mL	29 mm	104 mm
340196	Microcentrifuge Tube	500	Snap-On Cap	Polyethylene	1.8 mL	11 mm	45 mm
357448	Microcentrifuge Tube	500	Snap-On Cap	Polypropylene	1.5 mL	11 mm	38 mm
343169	Microcentrifuge Tube	500	Separate Cap	Polypropylene	1.5 mL	11 mm	40 mm



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