FRONTIER™ 5000

Rotor Guide

Offering Flexibility to Maximize Sample Preparation

- Choose from a range of rotors to be used with Frontier centrifuges to match capacities and flexibility required for your basic to high-performance sample preparation needs
- Designed with usability in mind, the Frontier rotors can be effortlessly installed or removed in a few quick and simple steps, and users have easy access to the samples
- The sturdy rotors are constructed of high-quality materials, built to last through demanding workflows from autoclave sterilization to sub-zero temperature
- OHAUS Frontier centrifuges are reliable, versatile and ideal for numerous laboratory applications
- Features include small to medium capacity, various speed ranges and non-refrigerated or refrigerated options to suit all requirements

Ingeniously Practical

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FRONTIER™5000 Series

Powerful and Versatile Centrifuges for Virtually Every Lab Application

- The intuitive design of the centrifuges & accessories enable easy access to parameter settings, and quick rotation between applications.
- Our multi-purpose centrifuges offer a high-speed centrifuge platform which can be customized to fit workflow needs using a wide variety of rotors and accessories.
- The performance of these centrifuges is propelled by German engineering, and high-quality components for reliable use.

Table of Contents

5 FC5916 and FC5916R
14 FC5816 and FC5816R
21 FC5718 and FC5718R
31 FC5714
37 FC5707
38 FC5706
40 FC5515 and FC5515R
43 FC5513
45 FC5306

Specifications

Model	Item No.	Voltage	Speed Range	Temp. Range	Max. g-force	Max. Capacity	Product Dimensions/Weight	Shipping Dimensions/Weight
FC5916	30553036	230V	200 - 16,000 rpm	Air Cooled	24,325 xg	4 x 750 ml	540 x 670 x 390 mm 85 kg	780 x 670 x 590 mm 98 kg
	30553037	120V						
FC5916R	30553101	230V	200 - 16,000 rpm	-20°C to 40°C	26,331 xg	4 x 750 ml	730 x 670 x 390 mm 118 kg	900 x 70 x 560 mm 137 kg
	30553103	120V						
FC5816	30314816	230V	200 - 15,000 rpm	Air Cooled	21,379 xg	6 x 250 ml	530 x 440 x 350 mm 52 kg	670 x 550 x 530 mm 56 kg
	30314817	120V						
FC5816R	30314818	230V	200 - 16,000 rpm	-20°C to 40°C	24,325 xg	6 x 250 ml	530 x 720 x 350 mm 77 kg	840 x 640 x 590 mm 87 kg
	30314819	120V						
FC5718	30314812	230V	200 - 18,000 rpm	Air Cooled	23,542 xg	4 x 100 ml	490 x 400 x 490 mm 43 kg	650 x 490 x 520 mm 53 kg
	30314813	120V						
FC5718R	30314814	230V	200 - 18,000 rpm	-20°C to 40°C	23,542 xg	4 x 100 ml	730 x 400 x 350 mm 60 kg	840 x 640 x 590 mm 77 kg
	30314815	120V						
FC5714	30314810	230V	200 - 14,000 rpm	Air Cooled	18,624 xg	4 x 100 ml	490 x 360 x 330 mm 30 kg	580 x 490 x 280 mm 32.5 kg
	30314811	120V						
FC5707*	30393189	100-230V	200 – 6,800 rpm	Air Cooled	4,445 xg	8 x 15 ml	277 × 356 × 236 mm 10 kg	370 × 470 × 340 mm 11.5 kg
FC5706	30130875	230V	200 - 6,000 rpm	Air Cooled	4,427 xg	6 x 50 ml	390 x 290 x 260 mm 10 kg	540 x 400 x 380 mm 14 kg
	30130876	120V						
FC5515	30130866	230V	200 - 15,000 rpm	Air Cooled	21,953 xg	44 x 1.5/2.0 ml	390 x 280 x 290 mm 17 kg	540 x 400 x 380 mm 20 kg
	30130867	120V						
FC5515R	30130868	230V	200 - 15,000 rpm	-20°C to 40°C	21,953 xg	44 x 1.5/2.0 ml	560 x 280 x 290 mm 35 kg	660 x 400 x 520 mm 44 kg
	30130869	120V						
FC5513	30393188	120V	200 – 13,500 rpm	Air Cooled	17,317 xg	24 x 1.5/2.0 ml	277 × 356 × 236 mm 12.6 kg	370 × 470 × 340 mm 14.0 kg
	30370692*							
	30393187	230V						
	30370691*							
FC5306*	30134156	100-240V	6,000 rpm	Air Cooled	2,000 xg	8 × 1.5/2.0 ml	150 × 168 × 128 mm 1.1 kg	216 × 305 × 194 mm 1.9 kg

*Rotor Included

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 24 × 1.5/2.0 ml BIOSEALS	
Item No.	30304361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5916/FC5916R)	16,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	24,325/24,325 × g	21,463/21,463 × g	23,466/23,466 × g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 6 × 250 ml	
Item No.	30314821
Rotor Capacity	6 x 250 ml
Rotor Type	Angle, 28°
Permissible Net Weight	6 x 355 g
Lowest Temperatures	3 °C

Accessory Specifications	n/a									
Accessory Item No.	n/a	30304369	30304370	30304371	30304372	30304373	30304374	30559412	30559413	30559414
Accessory Type	n/a	Adapter								
Max. RPM (FC5916/FC5916R)	8,000/8,000									
Quantity in Package	n/a	2 /pk							3 /pk	2 /pk
Max. RCF	10,016 / 10,016 × g	9,444 / 9,444 × g	9,515 / 9,515 × g	9,301 / 9,301 × g	8,943 / 8,943 × g	8,585 / 8,585 × g	8,371 / 8,371 × g	9,444 / 9,444 × g	10,016/10,016 × g	
Tube Specifications										
Tube Type	Flat Bottom	Micro Tube	Round Bottom	Falcon	Round Bottom		Falcon	Micro Tube		Conical Bottom
Tube volume	250 ml	1.5/2.0 ml	10 ml	15 ml	30 ml	50 ml		1.5/2.0 ml	250 ml	175-225 ml
Tubes per Rotor	6	48	30	24	12	6		90	6	
Max. Tube Diameter (mm)	62	11	16	17	26	29	30	11	60	61
Tube Height (mm)	140	42	80	120	92	103	118	42	118/137	159

Rotors for FRONTIER™ FC5916 and FC5916R

Swing Out Rotor 2 × 3 MTP w/Bucket	
Item No.	30314824
Rotor Capacity	2 x 3 MTP
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	2 x 310 g
Lowest Temperature	-3 °C

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM (FC5916/FC5916R)	4,500/4,500	
Quantity in Package	2/pk	
Max. RCF	2,716/2,716 × g	
Tube Specifications	n/a	
Tube Type	Microplate	Microtube
Tube volume	MTP	1.5/2.0 ml
Tubes per Rotor	6 Standard Microplates or 2 Deepwell Plates	96
Max. Tube Diameter (mm)	87 x 128	11
Tube Height (mm)	51	42

Angle Rotor 6 × 85 ml	
Item No.	30314826
Rotor Capacity	6 x 85 ml
Rotor Type	Angle, 38º
Permissible Net Weight	6 x 140 g
Lowest Temperatures	15°C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896	30314897	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5916/FC5916R)	11,000/13,000							
Quantity in Package	n/a	2/pk						
Max. RCF	15,555 / 21,762 × g	14,338 / 20,025 × g	14,067 / 19,647 × g	14,743 / 20,592 × g	14,338 / 20,025 × g	14,067 / 19,647 × g	15,014 / 20,970 × g	14,067 / 19,647 × g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	6						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 4 × 85 ml	
Item No.	30314827
Rotor Capacity	4 x 85 ml
Rotor Type	Angle, 30º
Permissible Net Weight	4 x 140 g
Lowest Temperatures	5 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896*	30314897*	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5916/FC5916R)	15,000/16,000							
Quantity in Package	n/a	2/pk						
Max. RCF	23,685 / 26,331 × g	17,103 / 18,243 × g	16,902 / 18,028 × g	17,908 / 19,101 × g	17,304 / 18,457 × g	16,700 / 17,813 × g	15,091 / 16,097 × g	16,700 / 17,813 × g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	4						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

*Only without rotor lid

Angle Rotor 10 × 50 ml	
Item No.	30314829
Rotor Capacity	10 x 50 ml
Rotor Type	Angle, 38º
Permissible Net Weight	10 x 74 g
Lowest Temperatures	9°C

Accessory Specifications	n/a					
Accessory Item No.	n/a	30130886*	30130889*	30130890*	30472300	30472307
Accessory Type	n/a	Adapter				
Max. RPM (FC5916/FC5916R)	10,000/10,500					
Quantity in Package	n/a	6/pk	2/pk			
Max. RCF	10,899 / 11,444 × g	7,461 / 7,834 × g	10,228 / 10,739 × g	8,719 / 9,155 × g	10,480 / 11,004 × g	10,731 / 11,267 × g
Tube Specifications						
Tube Type	Falcon	Micro Tube	Round Bottom			Conical
Tube Volume	50 ml	1.5/2.0 ml	7 ml	5 ml	15 ml	
Tubes per Rotor	10					
Max. Tube Diameter (mm)	29	11	13.5		17	
Tube Height (mm)	118	42	100	100	97-123	120

*Only possible with adapter 30472300 or 30472307

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 6 × 50 ml	
Item No.	30314831
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 26º
Permissible Net Weight	6 x 94 g
Lowest Temperatures	-5 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30314892*
Accessory Type	n/a	Adapter			
Max. RPM (FC5916/FC5916R)	13,000/13,000				
Quantity in Package	n/a	2/pk			
Max. RCF	15,869/15,869 × g	14,649/14,649 × g	13,777/13,777 × g	13,951/13,951 × g	13,428/13,428 × g
Tube Specifications					
Tube Type	Round Bottom Oakridge	Round Bottom			Falcon
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	26	18	17	17.5
Tube Height (mm)	95/115	100	100/105		116/125

*Only without bucket lid

Angle Rotor 20 × 10 ml	
Item No.	30314833
Rotor Capacity	20 x 10 ml
Rotor Type	Angle, 30º
Permissible Net Weight	20 x 18 g
Lowest Temperatures	‘-11.5 °C

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5916/FC5916R)	16,000 rpm /16,000 rpm
Quantity in Package	n/a
Max. RCF	15,775/15,775 × g
Tube Specifications	
Tube Type	Falcon
Tube volume	10 ml
Tubes per Rotor	20
Max. Tube Diameter (mm)	16
Tube Height (mm)	80

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 44 × 1.5/2.0 ml	
Item No.	30314835
Rotor Capacity	44 x 1.5/2.0 ml
Rotor Type	Angle, 32º/55º
Permissible Net Weight	44 x 3.8 g
Lowest Temperatures	8 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5916/FC5916R)	16,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	24,325/24,325 × g	22,035/22,035 × g	23,467/23,467 × g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	44		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 30 × 1.5/2.0 ml Sealable	
Item No.	30314836
Rotor Capacity	30 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	30 x 3.4 g
Lowest Temperature	9 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5916/FC5916R)	15,000/15,000		
Quantity in Package	n/a	6/pk	
Max. RCF	23,643/23,643 × g	21,361/21,361 × g	19,719/19,719 × g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	30		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30314838
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperature	6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5916/FC5916R)	16,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	24,325/24,325 × g	22,035/22,035 × g	23,467/23,467 × g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 4 x 8-w PCR Strip	
Item No.	30314841
Rotor Capacity	4 x 8-w PCR Strip
Rotor Type	Angle, 45º
Permissible Net Weight	4 x 3.5 g
Lowest Temperatures	-1 °C

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5916/FC5916R)	16,000 rpm /16,000 rpm
Quantity in Package	n/a
Max. RCF	24,325/24,325 × g
Tube Specifications	
Tube Type	8-w PCR Strip
Tube volume	n/a
Tubes per Rotor	24
Max. Tube Diameter (mm)	n/a
Tube Height (mm)	n/a

Rotors for FRONTIER™ FC5916 and FC5916R

Swing Out Rotor 4 × 750 ml ID	
Item No.	30553085
Rotor Capacity	4 × 750 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	4 × 995 g
Lowest Temperatures	4°C

Accessory Specifications								
Accessory Item No.	30553121	30553122*	30553123	30553124	30553125	30553126	30553127	30553128
Accessory Type	Bucket	Lid assembly	O-ring	Rack				
Max. RPM (FC5916/FC5916R)	4,000/4,500			4,000/4,500				
Quantity in Package	2 /pk		10/pk	2 /pk				
Max. RCF (FC5916/FC5916 R)	3,434 / 4,346 × g	n/a		3,416 / 4,324 × g	3,380 / 4,278 × g	3,416/4,324 × g		
Tube Specifications		n/a						
Tube Type	Flat Bottom	n/a		Conical Bottom	Flat Bottom	Conical Bottom	Round Bottom	Conical Bottom
Tube volume	750 ml	n/a		500 ml	250 ml	175 / 225 ml	100 ml	50 ml
Tubes per Rotor	4	n/a		4			12	20
Max. Tube Diameter (mm)	99	n/a		96	62	61	41	29
Tube Height (mm)	152	n/a		148	135	120-140	102-123	116

Accessory Specifications								
Accessory Item No.	30553129	30553130	30553131	30553132	30553133	30553134	30553135	30553136
Accessory Type	Rack			Rack				
Max. RPM (FC5916/FC5916R)	4,000/4,500							
Quantity in Package	2 /pk							
Max. RCF (FC5916/FC5916 R)	3,416/4,324 × g			3,416 / 4,324 × g	3,434 / 4,346 × g	3,398 / 4,301 × g	3,363/4,256 × g	
Tube Specifications								
Tube Type	Conical Bottom		Round Bottom	Round Bottom	Conical Bottom		Round Bottom	
Tube volume	50 ml			30 ml	15 ml			10 ml
Tubes per Rotor	20	28		32	56	68	72	84
Max. Tube Diameter (mm)	29			26	17			16
Tube Height (mm)	100-120	116	102-123	102-123	120		97-120	70-121

*All racks are used with bucket 30553121 only

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Rotors for FRONTIER™ FC5916 and FC5916R

Accessory Specifications							
Accessory Item No.	30553138	30553139	30553140	30559377	30553104	30553105	30553117*
Accessory Type	Rack				Bucket	Holder	Lid assembly
Max. RPM (FC5916/FC5916R)	4,000/4,500						
Quantity in Package	2 /pk						
Max. RCF (FC5916/FC5916 R)	3,345 / 4,233 × g		3,398 / 4,301 × g	3,363 / 4,256 × g	3,130 / 3,961 × g	3,345 / 4,233 × g	
Tube Specifications					n/a		
Tube Type	Round Bottom	Vacutainer / Sarstedt		Sarstedt	Microplate	n/a	
Tube volume	7 ml	1.8-7 ml	4- 10 ml	1.1-1.4 ml	n/a		
Tubes per Rotor	128	108	72	152	12 Standard Microplates or 4 Deepwell Plates	n/a	
Max. Tube Diameter (mm)	13		16	8	87 × 128	n/a	
Tube Height (mm)	98-119	65-100	75-100	66	80	n/a	

Accessory Specifications		
Accessory Item No.	30553118	30553119
Accessory Type	O-ring	Bucket
Max. RPM (FC5916/FC5916R)	4,000/4,500	
Quantity in Package	10 /pk	2 /pk
Max. RCF (FC5916/FC5916R)	n/a	2,754/3,486 × g
Tube Specifications	n/a	
Tube Type	n/a	Microplate
Tube volume	n/a	n/a
Tubes per Rotor	n/a	12 Standard Microplates or 4 Deepwell Plates
Max. Tube Diameter (mm)	n/a	87 × 128
Tube Height (mm)	75-100	72

* BIOSEALS certified: When using the Lid Assembly(with 1 EA O-ring) on the rotor, the buckets are hermetically sealed. O-ring should be changed when it's worn

Rotors for FRONTIER™ FC5916 and FC5916R

Angle Rotor 4 x 500 ml ID	
Item No.	30553086
Rotor Capacity	4 × 500 ml
Rotor Type	Angle, 24°
Permissible Net Weight	4 × 708 g
Lowest Temperatures	0 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30559416	30559417	30559419	30559420	30559421	30559422	30564850
Accessory Type	n/a	Adapter						
Max. RPM (FC5916/FC5916R)	8,000/8,000							
Quantity in Package	n/a	2 /pk						
Max. RCF (FC5916/FC5916R)	10,374 × g	9014 / 9014 × g	9,587 / 9,587 × g	8,871 / 8,871 × g	10,231 / 10,231 × g	9,873/9,873 × g		9,801 / 9,801 × g
Tube Specifications								
Tube Type	Round / Conical Bottom	Conical Bottom			Round Bottom		Conical Bottom	Flat Bottom
Tube volume	500 ml	250 ml	175-225 ml	50 ml		30 ml	15 ml	250 ml
Tubes per Rotor	4						12	6
Max. Tube Diameter (mm)	96	60.5	61.5	29.5	29	25.5	17	61.5
Tube Height (mm)	n/a	171	118/137	115	103	92	120	195

Rotors for FRONTIER™ FC5816 and FC5816R

Angle Rotor 24 × 1.5/2.0 ml BIOSEALS	
Item No.	30304361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	3°C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5816/FC5816R)	15,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	21,379/24,325 x g	18,864/21,463 x g	20,624/23,466 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Swing Out Rotor 4 × 250 ml	
Item No.	30314820
Rotor Capacity	4 x 250 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	4 x 536 g
Lowest Temperatures	-2°C

Accessory Specifications							
Accessory Item No.	30314901	30314902	30304367	30304368*	30314903	30314904	30314905
Accessory Type	Screw Cap	O-Ring	Rack	Adapter	Rack		
Max. RPM (FC5816/FC5816R)	4,500/4,500						
Quantity in Package	2/pk	10/pk	2/pk				
Max. RCF	n/a		3,689 x g	3,554 x g		3,599 x g	3,689 x g
Tube Specifications	n/a						
Tube Type	n/a		Vacutainer	Micro Tube	Flat Bottom	Round Bottom	
Tube volume	n/a		4-10 ml	1.5/2.0 ml	250 ml	100 ml	50 ml
Tubes per Rotor	n/a		32	36	4		12
Max. Tube Diameter (mm)	n/a		16	11	62	41	29
Tube Height (mm)	n/a		75/100	42	110/130	95/120	

*Only possible with Rack 30314903

Rotors for FRONTIER™ FC5816 and FC5816R

Accessory Specifications							
Accessory Item No.	30314906	30314907	30314908	30314909	30314910	30314911	30314912
Accessory Type	Rack						
Max. RPM (FC5816/FC5816R)	4,500/4,500						
Quantity in Package	2/pk						
Max. RCF	3,780 x g	3,576 x g		3,644 x g		3,508 x g	3,689 x g
Tube Specifications							
Tube Type	Falcon	Round Bottom	Skirted Concial		Round Bottom	Skirted Concial	Round Bottom
Tube volume	50 ml				25 ml		15 ml
Tubes per Rotor	12	4	8	4	20	12	36
Max. Tube Diameter (mm)	29	34	29		24.5		17
Tube Height (mm)	100/120			116	100/120	85/100	76/115

Accessory Specifications					
Accessory Item No.	30314913	30314914	30314915	30314916	30314917
Accessory Type	Rack				
Max. RPM (FC5816/FC5816R)	4,500/4,500				
Quantity in Package	2/pk				
Max. RCF	3,712 x g	3,644 x g	3,689 x g	3,599 x g	
Tube Specifications					
Tube Type	Falcon	Skirted Conical	Round Bottom		Vacutainer
Tube Volume	15 ml		10 ml	5-7 ml	1.6-7 ml
Tubes per Rotor	28		32	56	40
Max. Tube Diameter (mm)	17		16	13	
Tube Height (mm)	95/120	100/120	80/100	65/120	75/120

Angle Rotor 6 × 250 ml	
Item No.	30314821
Rotor Capacity	6 x 250 ml
Rotor Type	Angle, 28º
Permissible Net Weight	6 x 355 g
Lowest Temperatures	3°C

Accessory Specifications	n/a									
Accessory Item No.	n/a	30304369	30304370	30304371	30304372	30304373	30304374	30559412	30559413	30559414
Accessory Type	n/a	Adapter								
Max. RPM (FC5816/FC5816R)	8,000/8,000									
Quantity in Package	n/a	2 /pk							3 /pk	2 /pk
Max. RCF	10,016 x g	9,444 x g	9,515 x g	9,301 x g	8,943 x g	8,585 x g	8,371 x g	9444 x g	10,016 x g	
Tube Specifications										
Tube Type	Flat Bottom	Micro Tube	Round Bottom	Falcon	Round Bottom		Falcon	Micro Tube		Conical Bottom
Tube volume	250 ml	1.5/2.0 ml	10 ml	15 ml	30 ml	50 ml		1.5/2.0 ml	250 ml	175-225 ml
Tubes per Rotor	6	48	30	24	12	6		90	6	
Max. Tube Diameter (mm)	62	11	16	17	26	29	30	11	60	61
Tube Height (mm)	140	42	80	120	92	103	118	42	118/137	159

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Rotors for FRONTIER™ FC5816 and FC5816R

Swing Out Rotor 2 × 3 MTP w/Bucket	
Item No.	30314824
Rotor Capacity	2 x 3 MTP
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	2 x 310 g
Lowest Temperatures	-3°C

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM	4,500	
Quantity in Package	2/pk	
Max. RCF	2,716 x g	
Tube Specifications	n/a	
Tube Type	Microplate	Microtube
Tube volume	MTP	1.5/2.0 ml
Tubes per Rotor	6 Standard Microplates or 2 Deepwell Plates	96
Max. Tube Diameter (mm)	87 x 128	11
Tube Height (mm)	51	42

Angle Rotor 6 × 85 ml	
Item No.	30314826
Rotor Capacity	6 x 85ml
Rotor Type	Angle, 38º
Permissible Net Weight	6 x 140 g
Lowest Temperatures	15°C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896	30314897	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5816/FC5816R)	11,000/13,000							
Quantity in Package	n/a	2/pk						
Max. RCF	15,555 /21,762 x g	14,338 /20,025 x g	14,067 /19,647 x g	14,743 /20,592 x g	14,338 /20,025 x g	14,067 /19,647 x g	15,014 /20,970 x g	14,067 /19,647 x g
Tube Specifications								
Tube Type	Round Bottom				Falcon	Round Bottom		
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	6						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

Rotors for FRONTIER™ FC5816 and FC5816R

Angle Rotor 4 × 85 ml	
Item No.	30314827
Rotor Capacity	4 x 85 ml
Rotor Type	Angle, 30º
Permissible Net Weight	4 x 140 g
Lowest Temperatures	5°C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896*	30314897*	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5816/FC5816R)	12,000/12,000							
Quantity in Package	n/a	2/pk						
Max. RCF	14,809 x g	13,682 x g	13,521 x g	14,326 x g	13,843 x g	13,360 x g	12,073 x g	13,360 x g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	4						8	4
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

*Only without rotor lid

Swing Out Rotor 4 × 200 ml	
Item No.	30314828
Rotor Capacity	16 x 50 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	4 x 557 g
Lowest Temperatures	2°C

Accessory Specifications				
Accessory Item No.	30304375	30314583	30314584	30314585
Accessory Type	Rack			
Max. RPM (FC5816/FC5816R)	4,500/4,500			
Quantity in Package	2/pk			
Max. RCF	3,735 x g		3,599 x g	3,531 x g
Tube Specifications				
Tube Type	Falcon		Vacutainer/Sarstedt	
Tube Volume	50 ml	15 ml	5-7 ml	4-10 ml
Tubes per Rotor	16	40	56	48
Max. Tube Diameter (mm)	29	17	13	16
Tube Height (mm)	116	120	75/100	

Rotors for FRONTIER™ FC5816 and FC5816R

Angle Rotor 10 × 50 ml	
Item No.	30314829
Rotor Capacity	10 x 50 ml
Rotor Type	Angle, 38º
Permissible Net Weight	10 x 74 g
Lowest Temperatures	9°C

Accessory Specifications	n/a					
Accessory Item No.	n/a	30130886*	30130889*	30130890*	30472300	30472307
Accessory Type	n/a	Adapter				
Max. RPM (FC5816/FC5816R)	7,500/7,500					
Quantity in Package	n/a	6/pk	2/pk			
Max. RCF	8,174 x g	5,596 x g	7,671 x g	6,539 x g	11,318/15,406 x g	11,590/15,776 x g
Tube Specifications						
Tube Type	Falcon	Micro Tube	Round Bottom			Conical
Tube Volume	50 ml	1.5/2.0 ml	7 ml	5 ml	15 ml	
Tubes per Rotor	10					
Max. Tube Diameter (mm)	29	11	13.5		17	
Tube Height (mm)	118	42	100	100	97-123	120

*Only possible with adapter 30472300 or 30472307

Angle Rotor 6 × 50 ml	
Item No.	30314831
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 26º
Permissible Net Weight	6 x 94 g
Lowest Temperatures	-5 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30314892*
Accessory Type	n/a	Adapter			
Max. RPM (FC5816/FC5816R)	12,000/12,000				
Quantity in Package	n/a	2/pk			
Max. RCF	15,869 x g	14,924 x g	12,717 x g	15,113 x g	14,546 x g
Tube Specifications					
Tube Type	Round Bottom Oakridge	Round Bottom			Falcon
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	26	18	17	17.5
Tube Height (mm)	95/115	100	100/105		116/125

*Only without bucket lid

Rotors for FRONTIER™ FC5816 and FC5816R

Angle Rotor 30 × 15 ml	
Item No.	30314832
Rotor Capacity	30 x 15 ml
Rotor Type	Angle, 35º
Permissible Net Weight	30 x 32 g
Lowest Temperatures	-12°C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM (FC5816/FC5816R)	4,500/4,500			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	2,830 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round Bottom	
Tube Volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	95/115	42	100	65/75

Angle Rotor 20 × 10 ml	
Item No.	30314833
Rotor Capacity	20 x 10 ml
Rotor Type	Angle, 30º
Permissible Net Weight	20 x 18 g
Lowest Temperatures	0°C

*No Adapters

Rotors for FRONTIER™ FC5816 and FC5816R

Angle Rotor 44 × 1.5/2.0 ml	
Item No.	30372718
Rotor Capacity	44 x 1.5/2.0 ml
Rotor Type	Angle, 30º/55º
Permissible Net Weight	44 x 3.8 g
Lowest Temperatures	8°C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5816/FC5816R)	15,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	21,128/24,039 x g	19,367/22,035 x g	20,625/23,467 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	44		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30314838
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	3°C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5816/FC5816R)	15,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF	21,379/24,325 x g	18,864/21,463 x g	20,624/23,466 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30304361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5718/FC5718R)	14,000/15,000		
Quantity in Package	n/a	6/pk	
Max. RCF	18,624/21,379 x g	16,433/18,863 x g	17,967/20,624 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Swing Out Rotor 4 × 100 ml	
Item No.	30314822
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	4 x 340 g
Lowest Temperature	n/a

Accessory Specifications							
Accessory Item No.	30314842	30314843	30314844	30314845	30314846	30314847	30314848
Accessory Type	Rack						
Max. RPM	4,500						
Quantity in Package	2/pk						
Max. RCF	3,192 x g		3,214 x g		3,192 x g	3,237 x g	3,213 x g
Tube Specifications							
Tube Type	Round Bottom				Falcon	Skirted Concial	
Tube volume	100 ml	85 ml	50 ml				30 ml
Tubes per Rotor	4						
Max. Tube Diameter (mm)	46	38	34	29		25	
Tube Height (mm)	90/108	92/118		90/118	116		95/105

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Rotors for FRONTIER™ FC5718 and FC5718R

Accessory Specifications							
Accessory Item No.	30314849	30314850	30314851	30314852	30314853	30314854	30314855
Accessory Type	Rack						
Max. RPM	4,500						
Quantity in Package	2/pk						
Max. RCF	3,259 x g	3,350 x g	3,282 x g		3,214 x g	2,241 x g	3,169 x g
Tube Specifications							
Tube Type	Round Bottom	Falcon	Skirted Concial	Round Bottom		Micro Tube	Flat Bottom
Tube volume	25 ml	15 ml			5-7 ml	1.5 ml	4.5 ml
Tubes per Rotor	4	8	4	28	36	40	36
Max. Tube Diameter (mm)	17			13	11	12	13
Tube Height (mm)	95/105	120		90/108	75/100	42	75/100

Accessory Specifications			
Accessory Item No.	30314856	30314857	30314858
Accessory Type	Rack		
Max. RPM	4,500		
Quantity in Package	2/pk		
Max. RCF	2,626 x g	3,214 x g	3,237 x g
Tube Specifications			
Tube Type	Round Bottom	Vacutainer	Sarstedt
Tube Volume	5-7 ml		4-10 ml
Tubes per Rotor	28		20
Max. Tube Diameter (mm)	13		16
Tube Height (mm)	65/80	75/100	

Swing Out Rotor 4 × 100 ml Sealable	
Item No.	30314823
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 465 g
Lowest Temperatures	-3 °C

Accessory Specifications							
Accessory Item No.	30314860	30314861	30314862	30314863	30314864	30314865	30314866
Accessory Type	Bucket		Screw Cap	O-Ring	Rack		
Max. RPM (FC5718/FC5718R)	5,000/5,000						
Quantity in Package	2/pk			10/pk	2/pk		
Max. RCF	3,779 x g		n/a		3,672 x g	3,725 x g	
Tube Specifications					n/a		
Tube Type	Round Bottom						
Tube volume	100 ml				n/a	85 ml	50 ml
Tubes per Rotor	4						
Max. Tube Diameter (mm)	n/a				40	38	34
Tube Height (mm)	n/a				90/108		92/118

Rotors for FRONTIER™ FC5718 and FC5718R

Accessory Specifications							
Accessory Item No.	30314867	30314868	30314869	30314870	30314871	30314872	30314873*
Accessory Type	Rack						
Max. RPM (FC5718/FC5718R)	5,000/5,000						
Quantity in Package	2/pk						
Max. RCF	3,725 x g	3,751 x g	3,699 x g	3,486 x g	3,725 x g	3,752 x g	
Tube Specifications							
Tube Type	Round Bottom	Falcon	Skirted Concial		Round Bottom	Falcon	
Tube volume	50 ml			30 ml	25 ml	15 ml	
Tubes per Rotor	4					4	8
Max. Tube Diameter (mm)	29			25		17	
Tube Height (mm)	90/113	116		95/105	95/110	120	

Accessory Specifications							
Accessory Item No.	30314874	30314875	30314876	30314877	30314878	30314879	30314880
Accessory Type	Rack						
Max. RPM (FC5718/FC5718R)	5,000/5,000						
Qty in Package	2/pk						
Max. RCF	3,725 x g						
Tube Specifications							
Tube Type	Skirted Concial	Round Bottom		Micro Tube	Sarstedt	Round Bottom	Vacutainer
Tube volume	15 ml		5-7 ml	1.5 ml	10 ml	5-7 ml	10 ml
Tubes per Rotor	8	16	28	20	12	16	
Max. Tube Diameter (mm)	17		13	11	17	13	17
Tube Height (mm)	120	90/108	75/100	42	85/100	75/100	

Accessory Specifications		
Accessory Item No.	30314881	30314882
Accessory Type	Bucket	
Max. RPM (FC5718/FC5718R)	5,000/5,000	
Quantity in Package	2/pk	
Max. RCF	3,885 x g	
Tube Specifications		
Tube Type	Falcon	
Tube volume	50 ml	15 ml
Tubes per Rotor	8	12
Max. Tube Diameter (mm)	29	17
Tube Height (mm)	116	120

*Only without bucket lid

Rotors for FRONTIER™ FC5718 and FC5718R

Swing Out Rotor 2 × 3 MTP w/Bucket	
Item No.	30314824
Rotor Capacity	2 x 3 MTP
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	2 x 310 g
Lowest Temperatures	-6 °C

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM	4,500	
Quantity in Package	2/pk	
Max. RCF	2,716 x g	
Tube Specifications	n/a	
Tube Type	Microplate	Microtube
Tube volume	MTP	1.5/2.0 ml
Tubes per Rotor	6 Standard Microplates or 2 Deepwell Plates	96
Max. Tube Diameter (mm)	87 x 128	11
Tube Height (mm)	51	42

Angle Rotor 6 × 85 ml	
Item No.	30314825
Rotor Capacity	6 x 85 ml
Rotor Type	Angle, 25º
Permissible Net Weight	6 x 140 g
Lowest Temperatures	17 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896	30314897	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5718/FC5718R)	11,000/13,500							
Quantity in Package	n/a	2/pk						
Max. RCF	13,932 /20,984 x g	12,985 /19,557 x g		13,526 /20,372 x g		12,579 /18,946 x g	13,932 /20,984 x g	12,850 /19,354 x g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	6						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 6 × 85 ml	
Item No.	30314826
Rotor Capacity	6 x 85 ml
Rotor Type	Angle, 38º
Permissible Net Weight	6 x 140 g
Lowest Temperatures	-5 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896	30314897	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5718/FC5718R)	9,000/9,000							
Quantity in Package	n/a	2/pk						
Max. RCF	10,413 x g	9,598 x g	9,417 x g	9,870 x g	9,598 x g	9,417 x g	10,051 x g	9,417 x g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	6						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

Angle Rotor 4 × 85 ml	
Item No.	30314827
Rotor Capacity	4 x 85 ml
Rotor Type	Angle, 30º
Permissible Net Weight	4 x 140 g
Lowest Temperatures	5 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896*	30314897*	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM (FC5718/FC5718R)	12,000/12,000							
Quantity in Package	n/a	2/pk						
Max. RCF	14,809 x g	13,682 x g	13521 x g	14,326 x g	13,843 x g	13,360 x g	12,073 x g	13,360 x g
Tube Specifications								
Tube Type	Round Bottom				Falcon		Round Bottom	
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	4						12	6
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	118	120	95/100	103/110

*Only without rotor lid

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Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 10 × 50 ml	
Item No.	30314829
Rotor Capacity	10 x 50 ml
Rotor Type	Angle, 38°
Permissible Net Weight	10 x 74 g
Lowest Temperatures	9 °C

Accessory Specifications	n/a					
Accessory Item No.	n/a	30130886*	30130889*	30130890*	30472300	30472307
Accessory Type	n/a	Adapter				
Max. RPM (FC5718/FC5718R)	7,500/7,500					
Quantity in Package	n/a	6/pk	2/pk			
Max. RCF	8,174 x g	5,596 x g	7,671 x g	6,539 x g	7860 x g	8048 x g
Tube Specifications						
Tube Type	Falcon	Micro Tube	Round Bottom			Conical
Tube Volume	50 ml	1.5/2.0 ml	7 ml	5 ml	15 ml	
Tubes per Rotor	10					
Max. Tube Diameter (mm)	29	11	13.5		17	
Tube Height (mm)	118	42	100	100	97-123	120

*Only possible with adapter 30472300 or 30472307

Angle Rotor 6 × 50 ml	
Item No.	30314830
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 40°
Permissible Net Weight	6 x 72 g
Lowest Temperatures	-8 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30130886	30130891	30130890	30130891	30130892	30130893	30130892
Accessory Type	n/a	Adapter						
Max. RPM (FC5718/FC5718R)	6,000/6,000							
Quantity in Package	n/a	6/pk	2/pk					
Max. RCF	4,427 x g	2,696 x g	4,105 x g	3,340 x g	4,306 x g	4,145 x g	4,266 x g	
Tube Specifications								
Tube Type	Round Bottom/ Falcon	Micro Tube	Round Bottom					
Tube volume	50 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	6						6	6
Max. Tube Diameter (mm)	29	11	13.5		26	17	18	
Tube Height (mm)	116	42	26	65/75	100	100/105		120

Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 6 × 50 ml	
Item No.	30314831
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 26°
Permissible Net Weight	6 x 94 g
Lowest Temperatures	-5 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30314892*
Accessory Type	n/a	Adapter			
Max. RPM (FC5718/FC5718R)	12,000/12,000				
Quantity in Package	n/a	2/pk			
Max. RCF	13,522 x g	13,200 x g	12,717 x g	12,878 x g	12,395 x g
Tube Specifications					
Tube Type	Round Bottom Oakridge	Round Bottom			Falcon
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	26	18	17	17.5
Tube Height (mm)	95/115	100	100/105		116/125

*Only without bucket lid

Angle Rotor 30 × 15 ml	
Item No.	30314832
Rotor Capacity	30 x 15 ml
Rotor Type	Angle, 35°
Permissible Net Weight	30 x 32 g
Lowest Temperatures	-9 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM (FC5718/FC5718R)	4,500/4,500			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	2,830 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round Bottom	
Tube Volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	95/115	42	100	65/75

Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 20 × 10 ml	
Item No.	30314833
Rotor Capacity	20 x 10 ml
Rotor Type	Angle, 30º
Permissible Net Weight	20 x 18 g
Lowest Temperatures	2 °C

*No Adapters

Angle Rotor 12 × 15 ml	
Item No.	30314834
Rotor Capacity	12 x 15 ml
Rotor Type	Angle, 32º
Permissible Net Weight	12 x 25 g
Lowest Temperatures	-11.5 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM (FC5718/FC5718R)	6,000/6,000			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	4,427 x g	3,059 x g	4,266 x g	3,662 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round Bottom	
Tube Volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	12			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	121	42	100	65/75

Angle Rotor 44 × 1.5/2.0 ml	
Item No.	30372718
Rotor Capacity	44 x 1.5/2.0 ml
Rotor Type	Angle, 32º/55º
Permissible Net Weight	44 x 3.8 g
Lowest Temperatures	1 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5718/FC5718R)	13,500/13,500		
Quantity in Package	n/a	6/pk	
Max. RCF	17,113 x g	15,687 x g	16,706 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	44		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 30 × 1.5/2.0 ml Sealable	
Item No.	30314836
Rotor Capacity	30 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	30 x 3.4 g
Lowest Temperatures	9 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5718/FC5718R)	13,000/14,000		
Quantity in Package	n/a	6/pk	
Max. RCF	17,758/20,595 x g	17,191/19,937 x g	15,869/18,404 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	30		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30314838
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM (FC5718/FC5718R)	14,000/15,000		
Quantity in Package	n/a	6/pk	
Max. RCF	18,624/21,379 x g	16,433/18,863 x g	17,967/20,624 x g
Tube Specifications			
Tube Type	Micro Tube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

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Rotors for FRONTIER™ FC5718 and FC5718R

Angle Rotor 12 × 1.5/2.0 ml	
Item No.	30314839
Rotor Capacity	12 x 1.5/2.0 ml
Rotor Type	Angle, 40º
Permissible Net Weight	12 x 3.4 g
Lowest Temperatures	-2 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30314900	30130885	30130884
Accessory Type	n/a	Adapter		
Max. RPM (FC5718/FC5718R)	18,000/18,000			
Quantity in Package	n/a	6/pk		
Max. RCF	23,542 x g	23,180 x g	20,282 x g	22,818 x g
Tube Specifications				
Tube Type	Microtube			
Tube Volume	2 ml	1.5 ml	0.5 ml	0.2/0.4 ml
Tubes per Rotor	12			
Max. Tube Diameter (mm)	11	11	8	6
Tube Height (mm)	40	42	30	20

Angle Rotor 64 × 0.5 ml	
Item No.	30314840
Rotor Capacity	64 x 0.5 ml
Rotor Type	Angle, 40º
Permissible Net Weight	64 x 2.3 g
Lowest Temperatures	2 °C

*No Adapters

Angle Rotor 4 x 8-w PCR Strip	
Item No.	30314841
Rotor Capacity	4 x 8-w PCR Strip
Rotor Type	Angle, 45º
Permissible Net Weight	4 x 3.5 g
Lowest Temperatures	-1 °C

*No Adapters

Rotors for FRONTIER™ FC5714

Swing Out Rotor 4 × 100 ml	
Item No.	30314822
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	4 x 340 g
Lowest Temperature	n/a

Accessory Specifications							
Accessory Item No.	30314842	30314843	30314844	30314845	30314846	30314847	30314848
Accessory Type	Rack						
Max. RPM	4,500						
Quantity in Package	2/pk						
Max. RCF	3,192 x g		3,214 x g		3,192 x g	3,237 x g	3,124 x g
Tube Specifications							
Tube Type	Round Bottom				Falcon	Skirted Concial	
Tube volume	100 ml	85 ml	50 ml				30 ml
Tubes per Rotor	4						
Max. Tube Diameter (mm)	46	38	34	29			25
Tube Height (mm)	90/108	92/118		90/108	116		95/105

Accessory Specifications							
Accessory Item No.	30314849	30314850	30314851	30314852	30314853	30314854	30314855
Accessory Type	Rack						
Max. RPM	4,500						
Quantity in Package	2/pk						
Max. RCF	3259	3350	3282		3214	2241	3169
Tube Specifications							
Tube Type	Round Bottom	Falcon	Skirted Concial	Round Bottom		Micro Tube	Flat Bottom
Tube volume	25 ml	15 ml			5-7 ml	1.5 ml	4.5 ml
Tubes per Rotor	4	8	4	28	36	40	36
Max. Tube Diameter (mm)	25	17			13	11	12
Tube Height (mm)	95/105	120		90/108	75/100	42	75/100

Accessory Specifications			
Accessory Item No.	30314856	30314857	30314858
Accessory Type	Rack		
Max. RPM	4,500		
Quantity in Package	2/pk		
Max. RCF	2,626 x g	3,214 x g	3,237 x g
Tube Specifications			
Tube Type	Round Bottom	Vacutainer	Sarstedt
Tube volume	5-7 ml		4-10 ml
Tubes per Rotor	28		
Max. Tube Diameter (mm)	13		16
Tube Height (mm)	65/80	75/100	

Rotors for FRONTIER™ FC5714

Swing Out Rotor 4 × 100 ml Sealable	
Item No.	30314823
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 465 g
Lowest Temperature	n/a

Accessory Specifications							
Accessory Item No.	30314860	30314861	30314862	30314863	30314864	30314865	30314866
Accessory Type	Bucket		Screw Cap	O-Ring	Rack		
Max. RPM	4,000						
Quantity in Package	2/pk			10/pk	2/pk		
Max. RCF	2,418 x g		n/a		2,350 x g	2,384 x g	
Tube Specifications							
Tube Type	Round Bottom						
Tube volume	100 ml					85 ml	50 ml
Tubes per Rotor	n/a				4		
Max. Tube Diameter (mm)	n/a				40	38	34
Tube Height (mm)	n/a				90/108		92/118

Accessories							
Items	Bucket, 100ml w/o Cap, 2/pk	Bucket, 100ml w/ Cap, Sealable, 2/pk	Screw Cap, 100ml Bucket, Sealable, 2/pk	O-ring, 100ml Bucket, Sealable, 10/pk	n/a		

Accessory Specifications							
Accessory Item No.	30314867	30314868	30314869	30314870	30314871	30314872	30314873*
Accessory Type	Rack						
Max. RPM	4,000						
Quantity in Package	2/pk						
Max. RCF	2,383 x g	2,400 x g	2,366 x g	2,230 x g	2,383 x g	2,401 x g	
Tube Specifications							
Tube Type	Round Bottom	Falcon	Skirted Concial		Round Bottom	Falcon	
Tube volume	50 ml			30 ml	25 ml	15 ml	
Tubes per Rotor	4					4	8
Max. Tube Diameter (mm)	29			25		17	
Tube Height (mm)	90/113	116		95/105	95/110	120	

Rotors for FRONTIER™ FC5714

Accessory Specifications							
Accessory Item No.	30314874*	30314875	30314876	30314877	30314878	30314879	30314880
Accessory Type	Rack						
Max. RPM	4,000						
Quantity in Package	2/pk						
Max. RCF	2,383 x g						
Tube Specifications							
Tube Type	Skirted Concial	Round Bottom		Micro Tube	Sarstedt	Round Bottom	Vacutainer
Tube volume	15 ml		5-7 ml	1.5 ml	10 ml	5-7 ml	10 ml
Tubes per Rotor	8	16	28	20	12	16	
Max. Tube Diameter (mm)	17		13	11	17	13	17
Tube Height (mm)	120	90/108	75/100	42	85/100	75/100	75/101

Accessory Specifications		
Accessory Item No.	30314881	30314882
Accessory Type	Bucket	
Max. RPM	4,000	
Quantity in Package	2/pk	
Max. RCF	2,486 x g	
Tube Specifications		
Tube Type	Falcon	
Tube volume	50 ml	15 ml
Tubes per Rotor	8	12
Max. Tube Diameter (mm)	29	17
Tube Height (mm)	116	120

*Only without bucket lid

Swing Out Rotor 2 × 3 MTP w/Bucket	
Item No.	30314824
Rotor Capacity	2 x 3 MTP
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	2 x 310 g
Lowest Temperature	n/a

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM	4,500	
Quantity in Package	2/pk	
Max. RCF	2,716 x g	
Tube Specifications	n/a	
Tube Type	Microplate	Microtube
Tube volume	MTP	1.5/2.0 ml
Tubes per Rotor	6 Standard Microplates or 2 Deepwell Plates	96
Max. Tube Diameter (mm)	87 x 128	11
Tube Height (mm)	51	42

Rotors for FRONTIER™ FC5714

Angle Rotor 6 × 50 ml	
Item No.	30314830
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 40°
Permissible Net Weight	6 x 72 g
Lowest Temperature	n/a

Accessory Specifications	n/a							
Accessory Item No.	n/a	30130886	30130889	30130890	30130891	30130892	30130893	30130894
Accessory Type	n/a	Adapter						
Max. RPM	6,000							
Quantity in Package	n/a	6/pk	2/pk					
Max. RCF	4,427 x g	2,696 x g	4,105 x g	3,340 x g	4,306 x g	4,145 x g	4,266 x g	
Tube Specifications								
Tube Type	Round Bottom/ Falcon	Micro Tube	Round Bottom					Round Bottom/ Falcon
Tube volume	50 ml	1.5/2.0 ml	7 ml	5 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6							
Max. Tube Diameter (mm)	29	11	13.5		26	18	17	
Tube Height (mm)	116	42	100	65/75	100	100/105		120

Angle Rotor 30 × 15 ml	
Item No.	30314832
Rotor Capacity	30 x 15 ml
Rotor Type	Angle, 35°
Permissible Net Weight	30 x 32 g
Lowest Temperature	n/a

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM	4,500			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	2,830 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round Bottom	
Tube Volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	95/115	42	100	65/75

Rotors for FRONTIER™ FC5714

Angle Rotor 12 × 15 ml	
Item No.	30314834
Rotor Capacity	12 x 15 ml
Rotor Type	Angle, 32°
Permissible Net Weight	12 x 25 g
Lowest Temperature	n/a

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM	6,000			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	4,427 x g	3,059 x g	4,266 x g	3,662 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round Bottom	
Tube Volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	12			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	121	42	100	65/75

Angle Rotor 30 × 1.5/2.0 ml Sealable	
Item No.	30314836
Rotor Capacity	30 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	30 x 3.4 g
Lowest Temperature	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	12,000		
Quantity in Package	n/a	6/pk	
Max. RCF	15,131 x g	13,521 x g	14,648 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	30		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotors for FRONTIER™ FC5714

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30314838
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperature	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	14,000		
Quantity in Package	n/a	6/pk	
Max. RCF	18,624 x g	16,433 x g	17,967 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30304361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	24 x 3.4 g
Lowest Temperature	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	14,000		
Quantity in Package	n/a	6/pk	
Max. RCF	18,624 x g	16,433 x g	17,967 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotors for FRONTIER™ FC5707

Angle Rotor 8 × 15 ml	
Item No.	30472305
Rotor Capacity	8 × 15 ml
Rotor Type	Angle, 32º
Permissible Net Weight	200 g
Lowest Temperature	n/a

Accessory Specifications	n/a	n/a			
Accessory Item No.	n/a	n/a	30130886	30130889	30130890
Accessory Type	n/a	n/a	Adapter		
Max. RPM	6,800				
Quantity in Package	n/a		6/pk	2/pk	
Max. RCF	4,445 x g		2,894 x g	4,290 x g	3,618 x g
Tube Specifications					
Tube Type	Round Bottom	Conical	Micro Tube	Round Bottom	
Tube Volume	15 ml		1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	8	4	8		
Max. Tube Diameter (mm)	17		11	13.5	
Tube Height (mm)	95/100	121	42	95/115	62/90

Rotors for FRONTIER™ FC5706

Angle Rotor 12 × 15 ml	
Item No.	30130877
Rotor Capacity	12 x 15 ml
Rotor Type	Angle, 32º
Permissible Net Weight	300 g
Lowest Temperature	n/a

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130889	30130890
Accessory Type	n/a	Adapter		
Max. RPM	6,000			
Quantity in Package	n/a	6/pk	2/pk	
Max. RCF	4,427 x g	3,058 x g	4,265 x g	3,621 x g
Tube Specifications				
Tube Type	Round Bottom/Falcon	Micro Tube	Round bottom	
Tube volume	15 ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	12			
Max. Tube Diameter (mm)	17	11	13.5	
Tube Height (mm)	121	42	95/115	62/90

Angle Rotor 6 × 50 ml	
Item No.	30130878
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 40º
Permissible Net Weight	432 g
Lowest Temperature	n/a

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30130894
Accessory Type	n/a	Adapter			
Max. RPM	6,000				
Quantity in Package	n/a	2/pk			
Max. RCF	4,427 x g	4,306 x g	4,145 x g	4,225 x g	4,185 x g
Tube Specifications					
Tube Type	Round Bottom/Falcon	Round Bottom			Round Bottom/Falcon
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	26	18	17	
Tube Height (mm)	116	100	100/105		120

Rotors for FRONTIER™ FC5706

Swing Out Rotor 6 × 5 ml	
Item No.	30130880
Rotor Capacity	6 x 5 ml
Rotor Type	Swing Out, 0-90º
Permissible Net Weight	240 g
Lowest Temperature	n/a

Accessory Specifications	
Accessory Item No.	30130895
Accessory Type	Bucket
Max. RPM	4,000
Quantity in Package	2/pk
Max. RCF	1,878 x g
Tube Specifications	
Tube Type	Round Bottom
Tube volume	5 ml
Tubes per Rotor	6
Max. Tube Diameter (mm)	14
Tube Height (mm)	75

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Rotors for FRONTIER™ FC5515 and FC5515R

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30130870
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	82 g
Lowest Temperature	+5 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130884		30130885
Accessory Type	n/a	Adapter		
Max. RPM	15,200			
Quantity in Package	n/a	6/pk		
Max. RCF	21,953 x g	19,145 x g		20,932 x g
Tube Specifications				
Tube Type	Microtube	Microtube		
Tube volume	1.5/2.0 ml	0.2 ml	0.4 ml	0.5 ml
Tubes per Rotor	24			
Max. Tube Diameter (mm)	11	6		8
Tube Height (mm)	40	20		30

Angle Rotor 24 × 1.5/2.0 ml BIOSEALS	
Item No.	30130871
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	82 g
Lowest Temperatures	+5 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130884		30130885
Accessory Type	n/a	Adapter		
Max. RPM	15,200			
Quantity in Package	n/a	6/pk		
Max. RCF	21,953 x g	19,165 x g		20,932 x g
Tube Specifications				
Tube Type	Microtube	Microtube		
Tube volume	1.5/2.0 ml	0.2 ml	0.4 ml	0.5 ml
Tubes per Rotor	24			
Max. Tube Diameter (mm)	11	6		8
Tube Height (mm)	40	20		30

Rotors for FRONTIER™ FC5515 and FC5515R

Angle Rotor 30 × 1.5/2.0 ml Sealable	
Item No.	30130872
Rotor Capacity	30 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	102 g
Lowest Temperatures	+6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	13,500		
Quantity in Package	n/a	6/pk	
Max. RCF	19,150 x g	16,933 x g	18,344 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	30		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 12 × 5 ml Sealable	
Item No.	30130873
Rotor Capacity	12 x 5 ml
Rotor Type	Angle, 45°
Permissible Net Weight	165 g
Lowest Temperatures	+4 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130887	30130888
Accessory Type	n/a	Adapter		
Max. RPM	14,500			
Quantity in Package	n/a	2/pk	6/pk	
Max. RCF	19,978 x g	16,452 x g	17,158 x g	17,628 x g
Tube Specifications				
Tube Type	Microtube		Cryo Tube	
Tube volume	5 ml	1.5/2.0 ml	1.0 ml	1.8 ml
Tubes per Rotor	12			
Max. Diameter (mm)	17	11	12.6	
Tube Height (mm)	60	42	41	48

Rotors for FRONTIER™ FC5515 and FC5515R

Angle Rotor 4 × 8 Place PCR Stripes	
Item No.	30130874
Rotor Capacity	4 x 8 Place PCR Stripes
Rotor Type	Angle, 45º
Permissible Net Weight	14 g
Lowest Temperatures	+5 °C

*No Adapters

Angle Rotor 44 × 1.5/2.0 ml	
Item No.	30372717
Rotor Capacity	44 x 1.5/2.0ml
Rotor Type	Angle, 32º/55º
Permissible Net Weight	150 g
Lowest Temperatures	+6 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	13,500		
Quantity in Package	n/a	6/pk	
Max. RCF	17,317 x g	15,668 x g	17,111 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	44		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Rotor, Angle, 24 x Capillaries	
Item No.	30130881
Rotor Capacity	24 × Capillaries
Rotor Type	Angle, 90º
Permissible Net Weight	4.8 g
Lowest Temperatures	n/a

*No Adapters

Rotors for FRONTIER™ FC5513

Angle Rotor 24 × 1.5/2.0 ml	
Item No.	30472301
Rotor Capacity	24 × 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	82 g
Lowest Temperature	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	13,500		
Quantity in Package	n/a	6/pk	
Max. RCF	17,317 x g	n/a	2,716 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24	24	
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 24 × 1.5/2.0 ml BIOSEALS	
Item No.	30472302
Rotor Capacity	24 × 1.5/2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	82 g
Lowest Temperature	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	13,5000		
Quantity in Package	n/a	6/pk	
Max. RCF	17,317 x g	15,076 x g	16,706 x g
Tube Specifications			
Tube Type	Microtube		
Tube volume	1.5/2.0 ml	0.2/0.4 ml	0.5 ml
Tubes per Rotor	24		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

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Rotors for FRONTIER™ FC5513

Angle Rotor 18 × 2.0 ml Spin Column	
Item No.	30472303
Rotor Capacity	18 × 2.0 ml
Rotor Type	Angle, 45º
Permissible Net Weight	68 g
Lowest Temperature	n/a

Tube Specifications	
Tube Type	Microtube
Tube volume	2 ml
Tubes per Rotor	18
Max. Tube Diameter (mm)	11
Tube Height (mm)	40

*No Adapters

Hematocrit Rotor 24 × Capillaries V2	
Item No.	30472304
Rotor Capacity	24 × Capillaries, V2
Rotor Type	Hematocrit, 90º
Permissible Net Weight	4.8 g
Lowest Temperature	n/a

*No Adapters

Rotors for FRONTIER™ FC5306

Angle Rotor 8 × 1.5/2.0 ml	
Item No.	30129559
Rotor Capacity	8 × 1.5/2.0 ml
Rotor Type	Angle, 40º
Permissible Net Weight	8 × 3.4 g
Lowest Temperatures	n/a

Accessory Specifications	n/a		
Accessory Item No.	n/a	30129561	30129562
Accessory Type	n/a	Adapter	
Max. RPM	6000 rpm		
Quantity in Package	1 /pk	8 /pk	
Max. RCF	2000 × g		
Tube Specifications			
Tube Type	Round / Conical Bottom		
Tube volume	1.5/2.0 ml	0.2 ml	0.5 ml
Tubes per Rotor	8		
Max. Tube Diameter (mm)	11	6	8
Tube Height (mm)	40	20	30

Angle Rotor 4 × 8 Place PCR Stripes	
Item No.	30129560
Rotor Capacity	4 × 8 Place PCR Stripes
Rotor Type	Angle, 40º
Permissible Net Weight	n/a
Lowest Temperatures	n/a

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	6,000 rpm
Quantity in Package	n/a
Max. RCF	2000 × g
Tube Specifications	
Tube Type	PCR Stripes
Tube volume	0.2 ml
Tubes per Rotor	32
Max. Tube Diameter (mm)	6
Tube Height (mm)	20

FRONTIER™ 5000

Rotor Guide

OHAUS Corporation

Headquartered in Parsippany, NJ, OHAUS Corporation manufactures an extensive line of balances and scales, lab equipment and lab instruments that meet the weighing, sample processing and measurement needs of multiple industries. We are a global leader in the laboratory, industrial and education markets, as well as a host of specialty markets, including the food preparation, pharmacy and jewelry industries. An ISO 9001:2008 manufacturer, OHAUS lab balances, industrial scales, lab equipment and lab instruments are precise, reliable and affordable, and backed by industry-leading customer support.

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