



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 and 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

FRONTIER™5000 Series

Powerful and Versatile Centrifuges for Virtually Every Lab Application

- The intuitive design of the centrifuges and 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.





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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
FC5916R	30553101	230V	200 - 16,000 rpm	-20°C to 40°C	26,328 xg	4 x 750 ml	730 x 670 x 390 mm 118 kg	900 x 670 x 560 mm 137 kg
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
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
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
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
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
FC5707*	30393189	100-230V	200 - 6,800 rpm	Air Cooled	4,445 xg	8 x 15 ml	277 x 356 x 236 mm 10 kg	370 x 470 x 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
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
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
FC5513	30393187	230V	200 - 13,500 rpm	Air Cooled	17,317 xg	24 x 1.5/2.0 ml	277 x 356 x 236 mm 12.6 kg	370 x 470 x 340 mm 14.0 kg
	30370691*							
FC5306*	30134156	100-240V	6,000 rpm	Air Cooled	2,000 xg	8 x 1.5/2.0 ml	150 x 168 x 128 mm 1.1 kg	216 x 305 x 194 mm 1.9 kg

*Rotor Included

Rotors for FRONTIER™ FC5916 and FC5916R




















Angle Rotor 24 × 1.5/2.0 ml ID BIOSEALS V1	
Item No.	30642361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	1 °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	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	45	






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	-1 °C

Accessory Specifications	n/a								
Accessory Item No.	n/a	30304369	30304370	30304371	30304372	30304373	30304374	30559412	30559414
Accessory Type	n/a	Adapter							
Max. RPM (FC5916/FC5916R)	8,000/8,000								
Quantity in Package	n/a	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	Microtube	Round Bottom	Conical Bottom	Round Bottom		Conical Bottom	Microtube	Conical Bottom
Tube volume	250 ml	1.5/2.0 ml	10 ml	15 ml	30 ml	50 ml		1.5/2.0 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		11	61
Tube Height (mm)	122	40	80	120	92	103	116	40	118/137

Rotors for FRONTIER™ FC5916 and FC5916R


















Swing Out Rotor 2 × 3 MTP w/Bucket	
Item No.	30314824
Rotor Capacity	2 × 3 MTP
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	2 × 310 g
Lowest Temperature	-8 °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 × 128	11
Tube Height (mm)	51	42



Angle Rotor 6 × 85 ml	
Item No.	30314826
Rotor Capacity	6 × 85 ml
Rotor Type	Angle, 38°
Permissible Net Weight	6 × 140 g
Lowest Temperatures	8 °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 (FC5916/FC5916R)	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			Conical Bottom		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	116	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, 30°
Permissible Net Weight	4 x 140 g
Lowest Temperatures	7 °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 (FC5916/FC5916R)	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			Conical Bottom		Round Bottom		
Tube volume	85 ml	15 ml	30 ml	50 ml		15 ml		16 ml
Tubes per Rotor	4							
Max. Tube Diameter (mm)	38	17	25	29		17		18
Tube Height (mm)	113	103/110	90/103	105	116	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, 38°
Permissible Net Weight	10 x 74 g
Lowest Temperatures	2 °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 (FC5916/FC5916R)	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	Conical Bottom	Microtube	Round Bottom/ Vacutainer®	RIA (Radioimmuno- assay)/Vacutainer®/ Sarstedt®	Round Bottom/ Vacutainer®	Conical Bottom
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)	116	40	95/115	70/90	97/123	120

*Only possible with adapter 30472300 or 30472307

Rotors for FRONTIER™ FC5916 and FC5916R



Angle Rotor 6 x 50 ml	
Item No.	30314831
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 26°
Permissible Net Weight	6 x 94 g
Lowest Temperatures	-4 °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 x g	14,649/14,649 x g	13,777/13,777 x g	13,951/13,951 x g	13,428/13,428 x g
Tube Specifications					
Tube Type	Round Bottom Oakridge	Round Bottom			Conical Bottom
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	25	18	17	
Tube Height (mm)	95/115	92/95	100/105		120

*Only without rotor lid









Angle Rotor 20 x 10 ml	
Item No.	30314833*
Rotor Capacity	20 x 10 ml
Rotor Type	Angle, 30°
Permissible Net Weight	20 x 18 g
Lowest Temperatures	-3 °C


Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5916/FC5916R)	12,000/12,000
Quantity in Package	n/a
Max. RCF	15,775/15,775 x g
Tube Specifications	
Tube Type	Round Bottom
Tube volume	10 ml
Tubes per Rotor	20
Max. Tube Diameter (mm)	16
Tube Height (mm)	80






*No Adapters

Rotors for FRONTIER™ FC5916 and FC5916R

	Angle Rotor 44 × 1.5/2.0 ml	
	Item No.	30372718
	Rotor Capacity	44 x 1.5/2.0 ml
	Rotor Type	Angle, 32°/55°
	Permissible Net Weight	44 x 3.8 g
	Lowest Temperatures	-2 °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	23,466/23,466 × g	21,463/21,463 × 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	45	

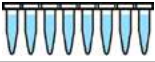
	Angle Rotor 30 × 1.5/2.0 ml Sealable	
	Item No.	30314836
	Rotor Capacity	30 x 1.5/2.0 ml
	Rotor Type	Angle, 45°
	Permissible Net Weight	30 x 3.4 g
	Lowest Temperature	1 °C

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 4 x 8-w PCR Strip	
Item No.	30314841*
Rotor Capacity	4 x 8-w PCR Strip
Rotor Type	Angle, 45°
Permissible Net Weight	4 x 3.5 g
Lowest Temperatures	-2 °C













Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5916/FC5916R)	15,000/15,000
Quantity in Package	n/a
Max. RCF	15,343/15,343 x g
Tube Specifications	
Tube Type	8-w PCR Strip
Tube volume	0.2/0.4 ml
Tubes per Rotor	32
Max. Tube Diameter (mm)	n/a
Tube Height (mm)	n/a

















*No Adapters

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, 0-90°
Permissible Net Weight	4 × 995 g
Lowest Temperatures	4 °C, however -3 °C when using 30553119



Accessory Specifications								
Accessory Item No.	30602502*	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 - Herolab®	n/a		Conical Bottom - Corning®	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		97	62	61	41	29
Tube Height (mm)	152	n/a		148	122/137	118/137	102/123	116

Accessory Specifications									
Accessory Item No.	30553129	30553130	30553131	30553132	30553133	30553134	30553135	30553136	
Accessory Type	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	Skirted Conical Bottom	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		120		97/120	70/121	

*All racks are used with bucket 30602502 only

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	n/a	
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)	n/a	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	4 °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	Flat Bottom	Conical Bottom - Corning®	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	16	24	4	
Max. Tube Diameter (mm)	69.5	60	61	29.5	29	25	17	62	
Tube Height (mm)	165	159	118/137	116	103	92	120	122	

Rotors for FRONTIER™ FC5816 and FC5816R



Angle Rotor 24 × 1.5/2.0 ml ID BIOSEALS V1	
Item No.	30642361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	24 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 (FC5816/FC5816R)	14,000/16,000		
Quantity in Package	n/a	6/pk	
Max. RCF (FC5816/FC5816R)	18,624/24,325 x g	16,369 /21,463 x g	16,368/23,466 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	45	



























Swing Out Rotor 4 × 250 ml	
Item No.	30314820
Rotor Capacity	4 x 250 ml
Rotor Type	Swing Out, 0-90°
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 (FC5816/FC5816R)	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®/ Sarstedt®	Microtube	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	40	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	Conical Bottom	Round Bottom	Skirted Conical Bottom		Round Bottom	Skirted Conical Bottom	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)	116	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	Conical Bottom	Skirted Conical Bottom	Round Bottom		Vacutainer®/Sarstedt®
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	65/100






Angle Rotor 6 x 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	30559414
Accessory Type	n/a	Adapter							
Max. RPM (FC5916/FC5916R)	8,000/8,000								
Quantity in Package	n/a	2 /pk							
Max. RCF	10,016 / 10,016 x g	9,444 / 9,444 x g	9,515 / 9,515 x g	9,301 / 9,301 x g	8,943 / 8,943 x g	8,585 / 8,585 x g	8,371 / 8,371 x g	9,444 / 9,444 x g	10,016/10,016 x g
Tube Specifications									
Tube Type	Flat Bottom	Microtube	Round Bottom	Conical Bottom	Round Bottom		Conical Bottom	Microtube	Conical Bottom
Tube volume	250 ml	1.5/2.0 ml	10 ml	15 ml	30 ml	50 ml		1.5/2.0 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		11	61
Tube Height (mm)	122	40	80	120	92	103	116	40	118/137

Rotors for FRONTIER™ FC5816 and FC5816R


















Swing Out Rotor 2 x 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 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 x 85 ml	
Item No.	30314826
Rotor Capacity	6 x 85ml
Rotor Type	Angle, 38°
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				Conical Bottom		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	116	120	95/100	103/110

Rotors for FRONTIER™ FC5816 and FC5816R



Angle Rotor 4 x 85 ml	
Item No.	30314827
Rotor Capacity	4 x 85 ml
Rotor Type	Angle, 30°
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				Conical Bottom		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	116	120	95/100	103/110

*Only without rotor lid



Swing Out Rotor 4 x 200 ml	
Item No.	30314828
Rotor Capacity	16 x 50 ml
Rotor Type	Swing Out, 0-90°
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	Conical Bottom		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, 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 (FC5816/FC5816R)	9,000/10,500					
Quantity in Package	n/a	6/pk	2/pk			
Max. RCF (FC5816/FC5816R)	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	Conical Bottom	Microtube	Round Bottom/ Vacutainer®	RIA/Vacutainer®/ Sarstedt®	Round Bottom/ Vacutainer®	Conical Bottom
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)	116	40	95/115	70/90	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, 26°
Permissible Net Weight	6 x 94 g
Lowest Temperatures	0 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30314892*
Accessory Type	n/a	Adapter			
Max. RPM (FC5816/FC5816R)	13,000/13,000				
Quantity in Package	n/a	2/pk			
Max. RCF	15,869 x g	14,649 x g	13,777 x g	13,951 x g	13,428 x g
Tube Specifications					
Tube Type	Round Bottom Oakridge	Round Bottom			Conical Bottom
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	25	18	17	
Tube Height (mm)	95/115	92/95	100/105		120

*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, 35°
Permissible Net Weight	30 x 32 g
Lowest Temperatures	-12 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30211180	30130886	30130889	30130890
Accessory Type	n/a	Adapter			
Max. RPM (FC5816/FC5816R)	4,500/4,500				
Quantity in Package	n/a	2/pk	6/pk	2/pk	
Max. RCF	2,830 x g	2,716 x g / 2,354 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications					
Tube Type	Round Bottom/Conical Bottom	Vacutainer® / Sarstedt®	Microtube	Round Bottom/Vacutainer®	RIA/Vacutainer®/Sarstedt®
Tube Volume	15 ml	9-10ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30	20	30		
Max. Tube Diameter (mm)	17	16	11	13.5	
Tube Height (mm)	95/115	92-107	40	95/115	70/90



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






Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	12,000/12,000
Quantity in Package	n/a
Max. RCF	15,775/15,775 x g
Tube Specifications	
Tube Type	Round Bottom
Tube volume	10 ml
Tubes per Rotor	20
Max. Tube Diameter (mm)	16
Tube Height (mm)	80

*No Adapters

Rotors for FRONTIER™ FC5816 and FC5816R



Angle Rotor 44 x 1.5/2.0 ml	
Item No.	30372718
Rotor Capacity	44 x 1.5/2.0 ml
Rotor Type	Angle, 30°/55°
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 (FC5816/FC5816R)	21,379/24,325 x g	20,625/23,466 x g	18,864/21,463 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	45	

Rotors for FRONTIER™ FC5718 and FC5718R



Angle Rotor 24 × 1.5/2.0 ml ID BIOSEALS V1	
Item No.	30642361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	7 °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 (FC5718/FC5718R)	18,624/21,379 x g	16,433/18,863 x g	17,967/20,624 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	45	









Swing Out Rotor 4 × 100 ml	
Item No.	30314822
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90°
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 (FC5718/FC5718R)	4,500/4,500						
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/Oak Ridge				Conical Bottom	Skirted Conical Bottom	
Tube volume	100 ml	85 ml	50 ml				30 ml
Tubes per Rotor	4						
Max. Tube Diameter (mm)	44	38	34	29			25
Tube Height (mm)	90/108		92/118	90/118	116		95/105











Rotors for FRONTIER™ FC5718 and FC5718R

Accessory Specifications							
Accessory Item No.	30314849	30314850	30314851	30314852	30314853	30314854	30314855
Accessory Type	Rack						
Max. RPM (FC5718/FC5718R)	4,500/4,500						
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	Conical Bottom	Skirted Conical Bottom	Round Bottom		Microtube	Conical 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			16	13	11	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 (FC5718/FC5718R)	4,500/4,500		
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 x 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	n/a			Round Bottom	Round Bottom/Oak Ridge	Round Bottom	
Tube volume	n/a			100 ml	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

*Must use rack -30314864 when using 100mL tubes

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/ Oak Ridge	Conical Bottom	Skirted Conical Bottom		Round Bottom	Conical Bottom	
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 Conical Bottom	Round Bottom		Microtube	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	16
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	Conical Bottom	
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 x 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 Temperatures	0 °C

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM (FC5718/FC5718R)	4,500/4,500	
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 x 85 ml	
Item No.	30314825
Rotor Capacity	6 x 85 ml
Rotor Type	Angle, 25°
Permissible Net Weight	6 x 140 g
Lowest Temperatures	19 °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 (FC5718/FC5718R)	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			Conical Bottom		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	116	120	95/100	103/110

Rotors for FRONTIER™ FC5718 and FC5718R



Angle Rotor 6 x 85 ml	
Item No.	30314826
Rotor Capacity	6 x 85 ml
Rotor Type	Angle, 38°
Permissible Net Weight	6 x 140 g
Lowest Temperatures	3 °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			Conical Bottom			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	116	120	95/100	103/110



Angle Rotor 4 x 85 ml	
Item No.	30314827
Rotor Capacity	4 x 85 ml
Rotor Type	Angle, 30°
Permissible Net Weight	4 x 140 g
Lowest Temperatures	6 °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	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			Conical Bottom			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	116	120	95/100	103/110

*Only without rotor lid

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	2 °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	Conical Bottom	Microtube	Round Bottom	RIA/Vacutainer®/Sarstedt®	Round Bottom	Conical Bottom
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	95/115	70/90	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	-3 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30130886*	30130889*	30130890*	30130891	30130892	30130894	
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	Conical Bottom	Microtube	Round Bottom	RIA/Vacutainer®/Sarstedt®	Round Bottom		Round Bottom/Conical Bottom
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	17	18
Tube Height (mm)	100/120	116	42	95/100	65/75	100	100/105	120

*Only possible with adapter 30130894

Rotors for FRONTIER™ FC5718 and FC5718R



Angle Rotor 6 x 50 ml	
Item No.	30314831
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 26°
Permissible Net Weight	6 x 94 g
Lowest Temperatures	1 °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			Conical Bottom
Tube Volume	50 ml	30 ml	16 ml	15 ml	
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29	25	18	17	
Tube Height (mm)	95/115	92/95	100/105		120

*Only without rotor lid




Angle Rotor 30 x 15 ml	
Item No.	30314832
Rotor Capacity	30 x 15 ml
Rotor Type	Angle, 35°
Permissible Net Weight	30 x 32 g
Lowest Temperatures	-6 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30211180	30130886	30130889	30130890
Accessory Type	n/a	Adapter			
Max. RPM (FC5718/FC5718R)	4,500/4,500				
Quantity in Package	n/a	2/pk	6/pk	2/pk	
Max. RCF	2,830 x g	2,716 x g / 2,354 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications					
Tube Type	Round Bottom/Conical Bottom	Vacutainer® / Sarstedt®	Microtube	Round Bottom/Vacutainer®	RIA/Vacutainer®/Sarstedt®
Tube Volume	15 ml	9-10ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30	20	30		
Max. Tube Diameter (mm)	17	16	11	13.5	
Tube Height (mm)	95/115	92-107	42	95/115	65/90

Rotors for FRONTIER™ FC5718 and FC5718R










Angle Rotor 20 × 10 ml	
Item No.	30314833*
Rotor Capacity	20 x 10 ml
Rotor Type	Angle, 30°
Permissible Net Weight	20 x 18 g
Lowest Temperatures	7 °C

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5718/FC5718R)	12,000/12,000
Quantity in Package	n/a
Max. RCF (FC5718/FC5718R)	15,775/15,775 × g
Tube Specifications	
Tube Type	Round Bottom
Tube volume	10 ml
Tubes per Rotor	20
Max. Tube Diameter (mm)	16
Tube Height (mm)	80


*No Adapters









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 Temperatures	7 °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 / Conical Bottom	Microtube	Round Bottom/Vacutainer®	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)	120	42	95/115	65/90

Rotors for FRONTIER™ FC5718 and FC5718R

	Angle Rotor 44 × 1.5/2.0 ml	
	Item No.	30372718
	Rotor Capacity	44 × 1.5/2.0 ml
	Rotor Type	Angle, 32°/55°
	Permissible Net Weight	44 × 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)	15,000/15,000		
Quantity in Package	n/a	6/pk	
Max. RCF (FC5718/FC5718R)	21,379/21,379 x g	20,625/20,625 x g	18,864/18,864 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	45	

	Angle Rotor 30 × 1.5/2.0 ml Sealable	
	Item No.	30314836
	Rotor Capacity	30 × 1.5/2.0 ml
	Rotor Type	Angle, 45°
	Permissible Net Weight	30 × 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 (FC5718/FC5718R)	17,758/20,595 x g	17,191/19,937 x g	15,869/18,404 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	45	

Rotors for FRONTIER™ FC5718 and FC5718R



Angle Rotor 12 x 1.5/2.0 ml	
Item No.	30314839
Rotor Capacity	12 x 1.5/2.0 ml
Rotor Type	Angle, 40°
Permissible Net Weight	12 x 3.4 g
Lowest Temperatures	3 °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	1.5/2.0 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	45	



Angle Rotor 4 x 8-w PCR Strip	
Item No.	30314841*
Rotor Capacity	4 x 8-w PCR Strip
Rotor Type	Angle, 45°
Permissible Net Weight	4 x 3.5 g
Lowest Temperatures	5 °C

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	15,000
Quantity in Package	n/a
Max. RCF	15,343 x g
Tube Specifications	
Tube Type	8-w PCR Strip
Tube volume	02./04. ml
Tubes per Rotor	32
Max. Tube Diameter (mm)	n/a
Tube Height (mm)	n/a

*No Adapters

Rotors for FRONTIER™ FC5714



Swing Out Rotor 4 x 100 ml	
Item No.	30314822
Rotor Capacity	4 x 100 ml
Rotor Type	Swing Out, 0-90°
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/Oak Ridge				Conical Bottom	Skirted Conical Bottom	
Tube volume	100 ml	85 ml	50 ml			30 ml	
Tubes per Rotor	4						
Max. Tube Diameter (mm)	44	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	Conical Bottom	Skirted Conical Bottom	Round Bottom		Microtube	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		16	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		20
Max. Tube Diameter (mm)	13		16
Tube Height (mm)	65/80	75/100	

Rotors for FRONTIER™ FC5714



Swing Out Rotor 4 x 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	n/a			2,350 x g	2,384 x g		
Tube Specifications	n/a						
Tube Type	n/a			Round Bottom	Round Bottom/ Oak Ridge	Round Bottom	
Tube volume	n/a			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	

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/ Oak Ridge	Conical Bottom	Skirted Conical Bottom		Round Bottom	Conical Bottom	
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	

*Must use rack - 30314864 when using 100mL tubes

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 Conical Bottom	Round Bottom		Microtube	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	16
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	4,000	
Quantity in Package	2/pk	
Max. RCF	2,486 x g	
Tube Specifications		
Tube Type	Conical Bottom	
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 x 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 x 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	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/Conical Bottom	Microtube	Round Bottom/Vacutainer®	RIA/Vacutainer® / Sarstedt®	Round Bottom/Vacutainer®		Round Bottom/Conical Bottom
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		25	18	17
Tube Height (mm)	100/120	42	95/100	65/90	100	100/105	97/120


* only possible with adapter 30130894











Angle Rotor 30 x 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	30211180	30130886	30130889	30130890
Accessory Type	n/a	Adapter			
Max. RPM	4,500				
Quantity in Package	n/a	2/pk	6/pk	2/pk	
Max. RCF	2,830 x g	2,716 x g / 2,354 x g	2,038 x g	2,762 x g	2,377 x g
Tube Specifications					
Tube Type	Round Bottom/Conical Bottom	Vacutainer® / Sarstedt®	Microtube	Round Bottom/Vacutainer®	RIA/Vacutainer®/Sarstedt®
Tube Volume	15 ml	9-10ml	1.5/2.0 ml	7 ml	5 ml
Tubes per Rotor	30	20	30		
Max. Tube Diameter (mm)	17	16	11	13.5	
Tube Height (mm)	95/115	92-107	42	95/115	65/90

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 / Conical Bottom	Microtube	Round Bottom/Vacutainer®	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	
Tube Height (mm)	120	42	95/115	65/90






	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	45	

Rotors for FRONTIER™ FC5714



Angle Rotor 24 × 1.5/2.0 ml ID BIOSEALS V1	
Item No.	30642361
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
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	45	

Rotors for FRONTIER™ FC5707



Angle Rotor 8 x 15 ml	
Item No.	30472305
Rotor Capacity	8 x 15 ml (Round bottom tube) 4 x 15 ml (Conical bottom tube)
Rotor Type	Angle, 32°
Permissible Net Weight	200 g
Lowest Temperature	n/a

Accessory Specifications	n/a	n/a			
Accessory Item No.	n/a	n/a	30130889	30130890	30130886
Accessory Type	n/a	n/a	Adapter		
Max. RPM	6,800				
Quantity in Package	n/a		2/pk		6/pk
Max. RCF	4,445 x g		4,290 x g	3,618 x g	2,894 x g
Tube Specifications					
Tube Type	Round Bottom	Conical Bottom	Round Bottom/Vacutainer®	RIA/Vacutainer®/Sarstedt®	Microtube
Tube Volume	15 ml		7 ml	5 ml	1.5/2.0 ml
Tubes per Rotor	8	4	8		
Max. Tube Diameter (mm)	17		13.5		11
Tube Height (mm)	95/100	120	95/115	62/90	42

Rotors for FRONTIER™ FC5706



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

Accessory Specifications	n/a				
Accessory Item No.	n/a	30211180	30130889	30130890	30130886
Accessory Type	n/a	Adapter			
Max. RPM	6,000	6,000			
Quantity in Package	n/a	2/pk			6/pk
Max. RCF	4,427 x g	4226 x g	4,265 x g	3,621 x g	3,058 x g
Tube Specifications					
Tube Type	Round Bottom/Conical Bottom	Vacutainer® / Sarstedt®	Round Bottom/Vacutainer®	RIA/Vacutainer®/Sarstedt®	Microtube
Tube volume	15 ml	9-10ml	7 ml	5 ml	1.5/2.0 ml
Tubes per Rotor	12				
Max. Tube Diameter (mm)	17	16	13.5		11
Tube Height (mm)	121	92-107	95/115	65/90	42



Angle Rotor 6 x 50 ml	
Item No.	30130878
Rotor Capacity	6 x 50 ml
Rotor Type	Angle, 40°
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	Conical Bottom	Round Bottom		Round Bottom / Conical Bottom
Tube Volume	50 ml		30 ml	16 ml	15 ml
Tubes per Rotor	6				
Max. Tube Diameter (mm)	29		25	18	17
Tube Height (mm)	100/120	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, 0-90°
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)	13
Tube Height (mm)	75

Rotors for FRONTIER™ FC5515 and FC5515R










Angle Rotor 30 × 1.5/2.0 ml Sealable	
Item No.	30130872
Rotor Capacity	30 × 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	45	



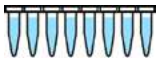
Angle Rotor 12 × 5 ml Sealable	
Item No.	30130873
Rotor Capacity	12 × 5 ml
Rotor Type	Angle, 45°
Permissible Net Weight	165 g
Lowest Temperatures	4 °C

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	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 x 8 Place PCR Strips	
Item No.	30130874*
Rotor Capacity	4 x 8 Place PCR Strips
Rotor Type	Angle, 45°
Permissible Net Weight	14 g
Lowest Temperatures	2.5 °C

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	15,000
Quantity in Package	n/a
Max. RCF	15,343 x g
Tube Specifications	
Tube Type	8-w PCR Strip
Tube volume	02./04. ml
Tubes per Rotor	32
Max. Tube Diameter (mm)	n/a
Tube Height (mm)	n/a



*No Adapters









Angle Rotor 44 x 1.5/2.0 ml	
Item No.	30372717
Rotor Capacity	44 x 1.5/2.0ml
Rotor Type	Angle, 32°/55°
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	15,000		
Quantity in Package	n/a	6/pk	
Max. RCF	21,379 x g	20,625 x g	20,625 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	45	

Rotors for FRONTIER™ FC5515 and FC5515R

	Hematocrit Rotor 24 × Capillaries	
	Item No.	30130881*
	Rotor Capacity	24 × Capillaries
	Rotor Type	Hematocrit, 90°
	Permissible Net Weight	24 x 0.2 g
	Lowest Temperatures	n/a
Accessory Specifications	n/a	
Accessory Item No.	n/a	
Accessory Type	n/a	
Max. RPM (FC5515)	12,000	
Quantity in Package	n/a	
Max. RCF (FC5515)	14,970 × g	
Tube Specifications		
Tube Type	Capillaries	
Tube volume	n/a	
Tubes per Rotor	24	
Max. Tube Diameter (mm)	n/a	
Tube Height (mm)	120 mm	






*No Adapters

	Angle Rotor 24x1.5/2.0 ml BIOSEALS V2		
	Item No.	30642371	
	Rotor Capacity	24 × 1.5/2.0 ml	
	Rotor Type	Angle, 45°	
	Permissible Net Weight	24 × 3.4g	
	Lowest Temperature	6 °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	19,165 × g	19,165 × g	20,932 × 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	45	

Rotors for FRONTIER™ FC5513




Angle Rotor 24 × 1.5/2.0 ml BIOSEALS	
Item No.	30472302
Rotor Capacity	24 × 1.5/2.0 ml
Rotor Type	Angle, 45°
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	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	45	



Angle Rotor 24 × 2.0 ml Spin Column	
Item No.	30210898*
Rotor Capacity	24 × 2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	68 g
Lowest Temperature	n/a


Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	13,500
Quantity in Package	n/a
Max. RCF	17,317 x g
Tube Specifications	
Tube Type	Spin Column
Tube volume	2 ml
Tubes per Rotor	24
Max. Tube Diameter (mm)	11
Tube Height (mm)	45

*No Adapters

Rotors for FRONTIER™ FC5513



Hematocrit Rotor 24 x Capillaries V2	
Item No.	30472304*
Rotor Capacity	24 x Capillaries
Rotor Type	Hematocrit, 90°
Permissible Net Weight	24 x 0.2 g
Lowest Temperature	n/a

Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	13,000
Quantity in Package	n/a
Max. RCF	16,058 x g
Tube Specifications	
Tube Type	Capillaries
Tube volume	n/a
Tubes per Rotor	24
Max. Tube Diameter (mm)	n/a
Tube Height (mm)	120 mm

*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, 40°
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 Bottom/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 Strips	
Item No.	30129560*
Rotor Capacity	4 × 8 Place PCR Strips
Rotor Type	Angle, 40°
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 Strips
Tube volume	0.2 ml
Tubes per Rotor	32
Max. Tube Diameter (mm)	6
Tube Height (mm)	20

*No Adapters



FRONTIER™ 5000

Rotor Guide



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