

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 xa 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 × 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

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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 × 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 × 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 × 85 ml								
Item No.	30314826							
Rotor Capacity	6 × 85 ml							
Rotor Type	Angle, 38°							
Permissible Net Weight	6 × 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 × 85 ml								
Item No.	30314827							
Rotor Capacity	4 × 85 ml							
Rotor Type	Angle, 30°							
Permissible Net Weight	4 × 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	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				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 × 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 × 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 x 1.5/2.0 ml		
	Rotor Type	Angle, 32°/55°		
	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 (FC718/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 x 1.5/2.0 ml		
	Rotor Type	Angle, 45°		
	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 (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