

Rotors for FRONTIER™ FC5830R



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	1 °C

Accessory Specifications	n/a								
Accessory Item No.	n/a	30559414	30304369	30304370	30304371	30304372	30304373	30304374	30559412
Accessory Type	n/a	Adapter							
Max. RPM	10,000								
Quantity in Package	n/a	2 /pk							
Max. RCF	15,650 x g	14,309 x g	14,756 x g	14,868 x g	14,532 x g	13,973 x g	13,414 x g	13,079 x g	15,203 x g
Tube Specifications									
Tube Type	Flat Bottom	Conical Bottom	Microtube	Round Bottom	Conical Bottom	Round Bottom		Conical Bottom	Microtube
Tube volume	250 ml	175-225 ml	1.5/2.0 ml	10 ml	15 ml	30 ml	50 ml		1.5/2.0 ml
Tubes per Rotor	6	6	48	30	24	12	6		90
Max. Tube Diameter (mm)	62	61	11	16	17	26	29		11
Tube Height (mm)	122	118/137	40	80	120	92	103	116	40



Swing Out Rotor 4 x 290 ml	
Item No.	30314820
Rotor Capacity	4 x 290 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 533 g
Lowest Temperatures	-20 °C

Accessory Specifications							
Accessory Item No.	30314901	30314902	83041037	30314903	30314904	30314905	30304367
Accessory Type	Screw Cap	O-Ring	Bucket	Rack			Rack
Max. RPM	4,000						
Quantity in Package	2/pk	10/pk	2/pk				
Max. RCF	n/a		2,987 x g	2,884 x g	2,880 x g	2,915 x g	3,689 x g
Tube Specifications	n/a						
Tube Type	n/a		Flat Bottom	Flat Bottom	Round Bottom		Vacutainer®/ Sarstedt®
Tube volume	n/a		290 ml	250 ml	100 ml	50 ml	4-10 ml
Tubes per Rotor	n/a		4			12	32
Max. Tube Diameter (mm)	n/a		62	62	41	29	16
Tube Height (mm)	n/a		137	110/130	95/120		75/100

*Only possible with Rack 30314903

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Accessory Specifications							
Accessory Item No.	30304368*	30314906	30314907	30314908	30314909	30314910	30314911
Accessory Type	Adapter	Rack					
Max. RPM	4,000						
Quantity in Package	2/pk						
Max. RCF	2,808 x g	2,933 x g	2,880 x g	2,915 x g	2,880 x g		2,772 x g
Tube Specifications							
Tube Type	Microtube	Conical Bottom	Round Bottom	Skirted Conical Bottom		Round Bottom	Skirted Conical Bottom
Tube volume	1.5/2.0 ml	50 ml				25 ml	
Tubes per Rotor	36	12	4	8	4	20	12
Max. Tube Diameter (mm)	11	29	34	29		24.5	
Tube Height (mm)	40	116	100/120		116	100/120	85/100

Accessory Specifications						
Accessory Item No.	30314912	30314913	30314914	30314915	30314916	30314917
Accessory Type	Rack					
Max. RPM	4,000					
Quantity in Package	2/pk					
Max. RCF	2,915 x g		2,880 x g	2,915 x g	2,880 x g	
Tube Specifications						
Tube Type	Round Bottom	Conical Bottom	Skirted Conical Bottom	Round Bottom		Vacutainer®/Sarstedt®
Tube Volume	15 ml	15 ml		10 ml	5-7 ml	1.6-7 ml
Tubes per Rotor	36	28		32	56	40
Max. Tube Diameter (mm)	17	17		16	13	
Tube Height (mm)	76/115	95/120	100/120	80/100	65/120	65/100



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	-10 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896	30314897	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM	13,000							
Quantity in Package	n/a	2/pk						
Max. RCF	21,762 x g	20,025 x g	19,647 x g	20,592 x g	20,025 x g	19,647 x g	20,970 x g	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

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Angle Rotor 10 × 50 ml	
Item No.	30314829
Rotor Capacity	10 × 50 ml
Rotor Type	Angle, 38°
Permissible Net Weight	10 × 76 g
Lowest Temperatures	-4 °C

Accessory Specifications	n/a					
Accessory Item No.	n/a	30130886*	30130889*	30130890*	30472300	30472307
Accessory Type	n/a	Adapter				
Max. RPM	10,500					
Quantity in Package	n/a	6/pk	2/pk			
Max. RCF	11,444 × g	7,834 × g	10,739 × g	9,155 × g	11,004 × g	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		17	
Tube Height (mm)	116	40	95/115	70/90	97/123	120

*Only possible with adapter 30472300 or 30472307






Angle Rotor 30 × 15 ml	
Item No.	30314832
Rotor Capacity	30 × 15 ml
Rotor Type	Angle, 35°
Permissible Net Weight	30 × 32 g
Lowest Temperatures	-20 °C

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 × g	2,716 × g / 2,354 × g	2,038 × g	2,762 × g	2,377 × 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	20	
Max. Tube Diameter (mm)	17	16	11	13	
Tube Height (mm)	95/115	92-107	40	95/115	70/90

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









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)	63	42



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	18 °C

Accessory Specifications	n/a							
Accessory Item No.	n/a	30314893	30314894	30314895	30314896*	30314897*	30314898	30314899
Accessory Type	n/a	Adapter						
Max. RPM	20,000							
Quantity in Package	n/a	2/pk						
Max. RCF	41,137 x g	38,007 x g	37,560 x g	39,896 x g	38,454 x g	37,113 x g	33,536 x g	37,113 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

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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	10 °C

Accessory Specifications	n/a				
Accessory Item No.	n/a	30130891	30130892	30130893	30314892*
Accessory Type	n/a	Adapter			
Max. RPM	21,000				
Quantity in Package	n/a	2/pk			
Max. RCF	41,410 x g	40,242 x g	38,945 x g	39,438 x g	37,959 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



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	6 °C






Accessory Specifications	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM	16,000
Quantity in Package	n/a
Max. RCF	28,045 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

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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 Temperature	8 °C

Accessory Specifications	n/a		
Accessory Item No.	n/a	30130884	30130885
Accessory Type	n/a	Adapter	
Max. RPM	30,000		
Quantity in Package	n/a	6/pk	
Max. RCF	42,032 x g	40,690 x g	37,560 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 × 1.5/2.0 ml	
Item No.	30314839
Rotor Capacity	12 × 1.5/2.0 ml
Rotor Type	Angle, 40°
Permissible Net Weight	12 × 3.4 g
Lowest Temperatures	6 °C

Accessory Specifications	n/a			
Accessory Item No.	n/a	30314900	30130885	30130884
Accessory Type	n/a	Adapter		
Max. RPM	30,000			
Quantity in Package	n/a	6/pk		
Max. RCF	65,395 x g	64,389 x g	56,340 x g	63,383 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	