

# Rotors for FRONTIER™ FC5816 and FC5816R



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	6 °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 (FC5816/FC5816R)	8,000								
Quantity in Package	n/a	2 /pk							
Max. RCF (FC5816/FC5816R)	10,016 x g	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	9,444 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	1 °C

Accessory Specifications								
Accessory Item No.	30314901	30314902	83041037	30314903	30314904	30314905	30304367	30304368*
Accessory Type	Screw Cap	O-Ring	Bucket	Rack			Rack	Adapter
Max. RPM (FC5816/FC5816R)	4,500							
Quantity in Package	2/pk	10/pk	2/pk					
Max. RCF (FC5816/FC5816R)	n/a		3,645 x g	3,554 x g	3,599 x g	3,689 x g	3,689 x g	3,554 x g
Tube Specifications	n/a							
Tube Type	n/a		Flat Bottom	Flat Bottom	Round Bottom		Vacutainer®/ Sarstedt®	Microtube
Tube volume	n/a		290 ml	250 ml	100 ml	50 ml	4-10 ml	1.5/2.0 ml
Tubes per Rotor	n/a		4	4		12	32	36
Max. Tube Diameter (mm)	n/a		62	62	41	29	16	11
Tube Height (mm)	n/a		137	110/130	95/120		75/100	40

\*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						
Quantity in Package	2/pk						
Max. RCF (FC5816/FC5816R)	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				
Quantity in Package	2/pk				
Max. RCF (FC5816/FC5816R)	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



Swing Out Rotor 4 x 250 ml	
Item No.	30314828
Rotor Capacity	4 x 250 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 557 g
Lowest Temperatures	2 °C

Accessory Specifications						
Accessory Item No.	83041039	30304375	30314583	30314584	30314585	83041038
Accessory Type	Rack					
Max. RPM (FC5816/FC5816R)	4,500					
Quantity in Package	2/pk					
Max. RCF (FC5816/FC5816R)	3,531 x g	3,735 x g		3,599 x g	3,531 x g	3,577 x g
Tube Specifications						
Tube Type	Flat Bottom	Conical Bottom		Vacutainer® / Sarstedt®		Sarstedt®
Tube Volume	250 ml	50 ml	15 ml	5-7 ml	4-10 ml	1.1-5 ml
Tubes per Rotor	4	16	40	56	48	72
Max. Tube Diameter (mm)	62	29	17	13	16	11
Tube Height (mm)	122	116	120	75/100		92

# Rotors for FRONTIER™ FC5816 and FC5816R



Angle Rotor 6 × 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 (FC5816/FC5816R)	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













Angle Rotor 10 × 50 ml	
Item No.	30314829
Rotor Capacity	10 x 50 ml
Rotor Type	Angle, 38°
Permissible Net Weight	10 x 76 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		17	
Tube Height (mm)	116	40	95/115	70/90	97/123	120




\*Only possible with adapter 30472300 or 30472307

# 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	-8 °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 (FC5816/FC5816R)	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	20	
Max. Tube Diameter (mm)	17	16	11	13	
Tube Height (mm)	95/115	92-107	40	95/115	70/90

	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	-3 °C

Accessory Specifications		
Accessory Item No.	30314890	30314891
Accessory Type	Bucket	Adapter
Max. RPM (FC5816/FC5816R)	4,500	
Quantity in Package	2/pk	
Max. RCF (FC5816/FC5816R)	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

# 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							
Quantity in Package	n/a	2/pk						
Max. RCF (FC5816/FC5816R)	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							
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 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	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				
Quantity in Package	n/a	2/pk			
Max. RCF (FC5816/FC5816R)	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 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	0 °C

<b>Accessory Specifications</b>	n/a
Accessory Item No.	n/a
Accessory Type	n/a
Max. RPM (FC5816/FC5816R)	12,000
Quantity in Package	n/a
Max. RCF (FC5816/FC5816R)	15,775 x g
<b>Tube Specifications</b>	
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 44 x 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 3.4 g
Lowest Temperatures	4 °C

<b>Accessory Specifications</b>	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
<b>Tube Specifications</b>			
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™ FC5816 and FC5816R



Angle Rotor 24 × 1.5/2.0 ml ID BIOSEALS	
Item No.	83041238
Rotor Capacity	24 x 1.5/2.0 ml
Rotor Type	Angle, 45°
Permissible Net Weight	24 x 3.4 g
Lowest Temperatures	5 °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	