

Rotors for FRONTIER™ FC5714



Swing Out Rotor 4 x 200 ml	
Item No.	83041011
Rotor Capacity	4 x 200 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 560 g
Lowest Temperature	-8 °C

IMPORTANT!
There is a change in Serial Numbers and Software Version. OLD Versions of the FC5714 will not accept new rotors!

Accessory Specifications							
Accessory Item No.	83041013	83041012	83041005*	83041015	83041016	83041017	83041018
Accessory Type	Bucket		Screw Cap	O-Ring	Rack		
Max. RPM	4,000						
Quantity in Package	2/pk			10/pk	2/pk		
Max. RCF	2,647 x g		n/a		2,647 x g	2,611 x g	
Tube Specifications			n/a				
Tube Type	Flat Bottom		n/a		Conical Bottom	Round Bottom	
Tube volume	200 ml		n/a		200 ml	100 ml	85 ml
Tubes per Rotor	4		n/a		4		
Max. Tube Diameter (mm)	56		n/a		56	40	38
Tube Height (mm)	112		n/a		120	110/117	90/108

Accessory Specifications							
Accessory Item No.	83041019	83041020	83041021	83041022	83041023	83041024	83041025**
Accessory Type	Rack						
Max. RPM	4,000						
Quantity in Package	2/pk						
Max. RCF	2,611 x g		2,629 x g	2,611 x g			2,629 x g
Tube Specifications							
Tube Type	Round Bottom		Conical Bottom	Skirted Conical Bottom		Round Bottom	Conical Bottom
Tube volume	50 ml				30 ml		15 ml
Tubes per Rotor	4						16
Max. Tube Diameter (mm)	34	29			25		17
Tube Height (mm)	95/118	95/103	116	116	95/105	90/110	120

Accessory Specifications						
Accessory Item No.	83041026	83041027	83041028	83041029	83041030	83041031
Accessory Type	Rack					Bucket
Max. RPM	4,000					
Quantity in Package	2/pk					
Max. RCF	2,647 x g	2,611 x g		2,629 x g		2,647 x g
Tube Specifications						
Tube Type	Conical Bottom	Round Bottom/Vacutainer®		Conical Bottom	Microtube	Conical Bottom
Tube Volume	15 ml		7 ml	5 ml	1.5/2.0 ml	50 ml
Tubes per Rotor	12	28	32	20	32	8
Max. Tube Diameter (mm)	17		13	17	11	29
Tube Height (mm)	120	60/107	65/100	60/70	42	116

All racks are used with bucket 83041012 / 83041013

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

**Only without Bucket Screw Cap

Rotors for FRONTIER™ FC5714



Swing Out Rotor 4 x 145 ml	
Item No.	30314822
Rotor Capacity	4 x 145 ml
Rotor Type	Swing Out, 0-90°
Permissible Net Weight	4 x 340 g
Lowest Temperature	n/a

Accessory Specifications								
Accessory Item No.	83041035	30314842	30314843	30314844	30314845	30314846	30314847	30314848
Accessory Type	Rack							
Max. RPM	4,500							
Quantity in Package	2/pk							
Max. RCF	3,147 x g	3,192 x g		3,214 x g		3,192 x g	3,237 x g	3,124 x g
Tube Specifications								
Tube Type	Flat Bottom Nalgene®	Round Bottom	Round Bottom/Oak Ridge	Round Bottom		Conical Bottom	Skirted Conical Bottom	
Tube volume	145 ml	100 ml	85 ml	50 ml			30 ml	
Tubes per Rotor	4							
Max. Tube Diameter (mm)	50	44	38	34	29			25
Tube Height (mm)	100	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 / Vacutainer®	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	

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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	2,038 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	42	95/115	65/90

















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

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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

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®	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

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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 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		25	18	17
Tube Height (mm)	100/120	42	95/100	65/90	100	100/105	97/120

* only possible with adapter 30130894

Rotors for FRONTIER™ FC5714








Angle Rotor 12 x 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 x 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	

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Angle Rotor 12 x 5 ml FA Sealable	
Item No.	83041010
Rotor Capacity	12 x 5 ml
Rotor Type	Angle, 45°
Permissible Net Weight	12 x 9.5 g
Lowest Temperature	n/a

IMPORTANT!
There is a change in Serial Numbers and Software Version. OLD Versions of the FC5714 will not accept new rotors!

Accessory Specifications	n/a			
Accessory Item No.	n/a	30130886	30130887	30130888
Accessory Type	n/a	Adapter		
Max. RPM	4,500	14,000		
Quantity in Package	n/a	6/pk		
Max. RCF	18,624 x g	15,337 x g	15,994 x g	16,433 x g
Tube Specifications				
Tube Type	Microtube		Cryo Tube - Flat Bottom	Cryo Tube - Round Bottom
Tube Volume	5 ml	1.5/2.0 ml	1.0 ml	1.8 ml
Tubes per Rotor	12			
Max. Tube Diameter (mm)	17	11	12.6	
Tube Height (mm)	60	42	41	48



Angle Rotor 24 x 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 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	