FRONTIER™ 5000 SERIES

Multi-Pro Centrifuges



Powerful and Versatile Universal Centrifuges for Virtually Every Lab Application

Frontier 5000 Multi-Pro Centrifuges are designed for universal use in multiple applications in research, industrial, and clinical laboratories and can be combined with our range of rotors and accessories for customized use. Available in 9 models with capacities from 0.2 ml to 4 × 750 ml, they feature high-speed performance at maximum volume, automatic rotor identification, and safety features.

Unique Features Include:

- Our multi-purpose centrifuges offer a high-speed centrifugation platform which can be customized to fit workflow needs using a wide variety of rotors and accessories.
- The intuitive design of the centrifuges & accessories enable easy access to parameter settings, and quick rotation between applications. Features include automatic rotor recognition and backlit LCD.
- The performance of these centrifuges is propelled by German engineering, and high-quality components for reliable use. Constructed of chemical-resistant stainless steel to ensure durability in lab use.
- Frontier 5000 Series is equipped with protective features, including automatic over-speed protection, imbalance detection and self-diagnostic system to ensure reliable use and operator safety.

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FRONTIER™ 5000 SERIES *Multi-Pro Centrifuges*

Maximum Application Flexibility

Choose from seven models from small to medium capacity, speed range of 14,000 – 30,000 rpm and non-refrigerated/refrigerated options to suit your application. Ideal for spinning most tubes and bottles in the lab, including microtubes, blood tubes, round bottom tubes, conical tubes and microtiter plates.



FC5714 Centrifuge (non-refrigerated)

- Compatible with up to 8 optional rotors and 59 accessories
- Capacities from microliter to 4×145 ml
- Improved sample processing through-put with additional rotor for blood collection
- High-speed centrifugation (>10,000 rpm) from 0.2 ml up to 1.5/2.0 ml tubes



FC5718 (non-refrigerated) and FC5718R (refrigerated) Centrifuges

- Compatible with up to 17 optional rotors and 92 accessories
- Capacities from microliter to 4×145 ml
- Improved sample processing through-put with additional rotor for blood collection
- High-speed centrifugation (>10,000 rpm) from 0.2 ml up to 85 ml tubes
- Temperature variable range of -20 °C to 40 °C (FC5718R)



FC5720R (refrigerated) Centrifuge

- Compatible with up to 17 optional rotors and 90 accessories
- Capacities from microliter to 4×200 ml
- Improved sample processing through-put with additional rotor for blood collection tubes and standard conical tubes
- High-speed centrifugation : up to 20,000 rpm for microtubes and up to 16,000 rpm for 50 ml
- Temperature variable range of -20 °C to 40 °C (FC5830R)



FC5816 (non-refrigerated) and FC5816R (refrigerated) Centrifuges

- Compatible with up to 12 optional rotors and 61 accessories
- Capacities from microliter to 6×250 ml
- Improved sample processing through-put with additional rotor for blood collection tubes and standard conical tubes
- High-speed centrifugation (>10,000 rpm) from 0.2 ml up to 85 ml tubes
- Temperature variable range of -20 °C to 40 °C (FC5816R)



FC5830R (refrigerated) Centrifuge

- Compatible with up to 11 optional rotors and 56 accessories
- Capacities from microliter to 6×250 ml
- Improved sample processing through-put with additional rotor for blood collection tubes and standard conical tubes
- High-speed centrifugation : up to 30,000 rpm for microtubes and up to 21,000 rpm for 50 ml
- Temperature variable range of -20 °C to 40 °C (FC5830R)



FC5916 (non-refrigerated) and FC5916R (refrigerated) Centrifuges

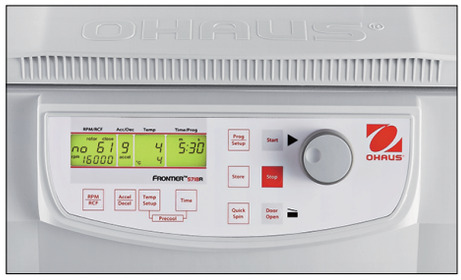
- Compatible with up to 13 optional rotors and 67 accessories
- Capacities from microliter to 4 × 750 ml
- Improved sample processing through-put with additional rotor for blood collection
- tubes and standard conical tubes
- High-speed centrifugation (>10,000 rpm) from 0.2 ml up to 85 ml tubes
- Temperature variable range of -20 °C to 40 °C (FC5916R)

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FRONTIER™ 5000 SERIES *Multi-Pro Centrifuges*

Intuitively Designed for Simple Operation

Frontier 5000 Series was designed to make lab processes more efficient and easier, and includes many user-friendly features & software that allow for intuitive operation.



- Automatic rotor identification makes switching between applications extremely easy
- Simple one-hand operation enabled by the selection button/rotary knob combination —even when wearing gloves
- Large backlit LCD display shows centrifugation settings and real-time parameters on one interface
- Program storage up to 99 runs including parameter settings and rotor types

Solid Engineering Ensures Reliability

Manufactured with high-quality components for reliable use and German engineered for high performance.



- Maintenance-free induction drive
- Thread-free rotor locking mechanism
- Optimized airflow system to keep samples cool (non-refrigerated models)
- Pre-cooling program to quickly reach desired temperature (refrigerated models)
- Chemical and corrosion-resistant stainless steel rotor chamber ensures durability in lab environments
- Self-diagnostic program to record usage and error history for easy maintenance and to minimize downtime

Safety Features for Increased Security

Frontier 5000 Series centrifuges are equipped with protective features for redundancy in safety and reliable operation.

- Over-speed protection, immediately upon rotor insertion
- Active imbalance-detection with individual imbalance tolerances set for each rotor
- Motorized lid-locking system to protect operators from accidental injuries
- Sealed and bio-containment rotors to safeguard operators from harmful aerosols







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FRONTIER™ 5000 SERIES *Multi-Pro Centrifuges*

Fixed Angle Rotor									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. RCF (xg)	18.624	23.542	23.542	38.007	21.379	21.379	65.395	24.325	26.328
Max. Speed (rpm)	14.000	18.000	18.000	20.000	15.000	16.000	30.000	16.000	16.000

Swing-Out Rotor									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. RCF (xg)	3.350	4.136	3.78	4.136	3.780	3.780	2.987	4.807	4.807
Max. Speed (rpm)	4.500	5.000	4.500	5.000	4.500	4.500	4.000	5.000	5.000

Reaction Tubes									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
0.2 – 2.0 ml (Ø 6 – 11 x 38 mm)	30	44	44	44	44	44	30	44	44
5 ml (Ø 16.5 x 69 mm)	12	12	12	–	–	–	–	–	–

Blood Collection Tubes									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
1.8 – 5 ml (Ø 13 x 75 mm)	32	32	32	32	56	56	40	108	108
4 – 7 ml (Ø 13 x 100 mm)	32	32	32	32	56	56	40	108	108
6 – 10 ml (Ø 16 x 100 mm)	28	28	28	28	48	48	32	72	72

Conical Tubes									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
15 ml (Ø 17 x 120 mm)	20	20	20	20	40	40	28	68	68
50 ml (Ø 29 x 116 mm)	8	10	10	10	16	16	12	28	28
175 ml (Ø 61 x 118 mm)	–	–	–	–	6	6	6	6	6
225 ml (Ø 61 x 137 mm)	–	–	–	–	6	6	6	6	6
250 ml (Ø 60 x 159 mm)	–	–	–	–	–	4	–	4	4
500 ml (Ø 97 x 148 mm)	–	–	–	–	–	4	–	4	4

Vials / Bottles									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
15 ml (Ø 17 x 120 mm), RB	30	30	30	30	36	36	36	72	72
50 ml (Ø 29 x 116 mm), RB	6	6	6	6	12	12	12	28	28
100 ml (Ø 44 x 100 mm), RB	4	4	4	4	4	4	4	12	12
145 ml (Ø 50 x 100 mm), FB	4	4	4	4	–	–	–	–	–
200 ml (56 x 112 mØm), FB	–	–	–	4	–	–	–	–	–
250 ml (Ø 62 x 122 mm), FB	–	–	–	–	6	6	6	6	6
290 ml (Ø 62 x 137 mm), FB	–	–	–	–	4	4	4	4	4
500 ml (Ø 98 x 114 mm), FB	–	–	–	–	–	–	–	4	4
750 ml (Ø 98 x 152 mm), FB	–	–	–	–	–	–	–	4	4

PCR									
Models	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
PCR Stripes/Tubes	–	4 x 8	4 x 8	4 x 8	–	–	–	4 x 8	4 x 8

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Model	FC5174	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Speed Range	200 - 14,000 rpm 10 rpm/set	200 - 18,000 rpm 10 rpm/set	200 - 18,000 rpm 10 rpm/set	200 - 20,000 rpm 10 rpm/set	200 - 15,000 rpm 10 rpm/set	200 - 16,000 rpm 10 rpm/set	200 - 30,000 rpm 10 rpm/set	200 - 16,000 rpm 10 rpm/set	200 - 16,000 rpm 10 rpm/set
RCF Range	20 - 18,624 × g 10 × g/set	20 - 23,542 × g 10 × g/set	20 - 23,542 × g 10 × g/set	20 - 38,007 × g 10 × g/set	20 - 21,379 × g 10 × g/set	20 - 24,325 × g 10 × g/set	20 - 65,395 × g 10 × g/set	20 - 24,325 × g 10 × g/set	20 - 26,331 × g 10 × g/set
Maximum Capacity									
Swing out rotor	4 x 145 ml	4 x 145 ml	4 x 145 ml	4 x 200 ml	4 x 290 ml	4 x 290 ml	4 x 290 ml	4 x 750 ml	4 x 750 ml
Angle rotor	30 x 15 ml	6 x 85 ml	6 x 85 ml	6 x 85 ml	6 x 250 ml	6 x 250 ml	6 x 250 ml	4 x 500 ml	4 x 500 ml
Temperature Range	Air cooled	Air cooled	-20 - 40 °C	-20 - 40 °C	Air cooled	-20 - 40 °C	-20 - 40 °C	Air cooled	-20 - 40 °C
Running Time	Quick Spin, 10 sec to 99 hr 59 min 59 sec, or continuous								
Noise Level (depending on the rotor)	≤ 63 ± 2 dB(A)	≤ 60 ± 2 dB(A)	≤ 60 ± 2 dB(A)	≤ 60 dB(A)	≤ 61 ± 2 dB(A)	≤ 63 ± 2 dB(A)	≤ 60 dB(A)	≤ 63 ± 2 dB(A)	≤ 63 ± 2 dB(A)
Number of Compatible Rotors	10	19	19	17	12	12	11	13	13
Acc/Dec Levels	10/10								
Allowable Kinetic Energy	5595 Nm	16672 Nm	25111 Nm	24367 Nm	34363 Nm	34363 Nm	30241 Nm	60629 Nm	60629 Nm
AC Power	230 V ~ 50/60 Hz								
Current Consumption	1.3 A	2.0 A	3.0 A	5.9 A	2.4 A	3.7 A	7.2 A	2.8 A	7.2 A
Voltage Consumption	240 W	455 W	660 W	1.2 kW	530 W	785 W	1.6 kW	640 W	1630 W
Voltage Fluctuation	± 10 %								
Dimensions (W x D x H)	362 × 493 × 330 mm	408 × 499 × 351mm	407 × 731 × 359 mm	407 x 712 x 361 mm	446 × 538 × 354 mm	723 × 538 × 354 mm	723 x 519 x 413 mm	780 × 670 × 590 mm	900 × 750 × 560 mm
Net Weight (without rotor)	30 kg	43 kg	60 kg	71 kg	52 kg	77 kg	91 kg	85 kg	118 kg
Environment	For indoor use only								

Other Standard Features and Equipment

Ten acceleration and ten deceleration rates, pre-selection of running time from 10s to 99h 59min or continuous, audible signal at the end of each run with melody options, quick spin, CFC-free refrigeration system, sample temperature indication and standstill cooling (refrigerated models)

Compliance

- **Product Safety:** EN 61010-1; EN 61010-2-020
- **EMC:** EN 61326-1

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The management system governing the manufacture of this product is ISO 9001:2015 certified.

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Order No.	30553085								
Description	Rotor Swing out 4 x 750 ml ID Sealable								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	-	-	-	-	-	-	4,000 rpm	4,500 rpm
Max. RCF	-	-	-	-	-	-	-	3,434 x g	4,346 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
30553104	Bucket 3 x MTP 2/pk V1	-	-	MTP	12
30553105	Holder Removing aid Bucket 30553104 2/pk	-	-	-	-
30553117*	Lid Assembly for Bucket 30553104 2/pk	-	-	-	-
30553118	O-Ring for Bucket 30553104 2/pk	-	-	-	-
30553119	Bucket 3 x MTP 2/pk V2	-	-	MTP	12
30602502	Bucket 1 x 750 ml D98 mm FB 2/pk	750 ml	98 mm	Flat Bottom	4
30553122*	Lid Assembly for Bucket 30602502 2/pk	-	-	-	-
30553123	O-Ring for Bucket 30602502 10/pk	-	-	-	-
30553124	Rack 1 x 500 ml D96 mm FA 2/pk	500 ml	96 mm	Conical Bottom Corning®	4
30553125	Rack 1 x 250 ml D62 mm FB 2/pk V1	250 ml	62 mm	Flat Bottom	4
30772866	Rack 1 x 250 ml D60 mm FA 2pk	250 ml	60 mm	Conical Bottom	4
30553126	Rack 1 x 175/225 ml D61 mm FA 2/pk	175/225 ml	61 mm	Conical Bottom	4
30553127	Rack 3 x 100 ml D41 mm RB 2/pk	100 ml	41 mm	Round Bottom	12
30553128	Rack 5 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	20
30553129	Rack 5 x 50 ml D29 mm Rim 2/pk	50 ml	29 mm	Skirted Conical Bottom	20
30553130	Rack 7 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	28
30553131	Rack 7 x 50 ml D29 mm RB 2/pk	50 ml	29 mm	Round Bottom	28
30553132	Rack 8 x 30 ml D26 mm RB 2/pk	30 ml	26 mm	Round Bottom	32
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30553133	Rack 14 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	56
30553134	Rack 17 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	68
30553135	Rack 18 x 15 ml D17 mm RB 2/pk	15 mm	17 mm	Round Bottom	72
30553136	Rack 21 x 10 ml D16 mm RB 2/pk	10 ml	16 mm	Round Bottom	84
30553138	Rack 32 x 7 ml D13 mm RB 2/pk	7 ml	13 mm	Round Bottom	128
30553139	Rack 27 x 1.8-7 ml D13 mm Vac/Sar 2/pk	1.8-7 ml	13 mm	Vacutainer®/Sarstedt®	108
30553140	Rack 18 x 4-10 ml D16 mm Vac/Sar 2/pk	4-10 ml	16 mm	Vacutainer®/Sarstedt®	72
30559377	Rack 38 x 1.1-1.4 ml D8 mm Sar 2/pk	1.1-1.4 ml	8 mm	Sarstedt®	152
83041040	Rack 24 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	96

▲ All racks are used with bucket 30553121 only, rack for rectangular buckets on request
*** 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.**
▲Only possible with Rack 30553128 or 30553130



Order No.	30553086								
Description	Rotor Angle 4 x 500 ml ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	-	-	-	-	-	-	8,000 rpm	8,000 rpm
Max. RCF	-	-	-	-	-	-	-	10,367 × g	10,367 × g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Rotor Angle 4 x 500 ml ID	500 ml	96 mm	Round Bottom/Conical Bottom	4
30559416	Adapter 1 x 250 ml D60.5 mm FA 2/pk	250 ml	60.5 mm	Conical Botom	4
30564850	Adapter 1 x 250 ml D61.5 mm FB 2/pk	250 ml	61.5 mm	Flat Bottom	4
30559417	Adapter 1 x 175/225 ml D61.5 mm FA 2/pk	175/225 ml	61.5 mm	Conical Botom	4
30559419	Adapter 1 x 50 ml D29.5 mm FA 2/pk	50 ml	29.5 mm	Conical Botom	4
30559420	Adapter 3 x 50 ml D29 mm RB 2/pk	50 ml	29 mm	Round Bottom	12
30559421	Adapter 4 x 30 ml D25.5 mm RB 2/pk	30 ml	25.5 mm	Round Bottom	16
30559422	Adapter 6 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Botom	24

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	Order No.	30314821								
	Description	Rotor Angle 6 x 250 ml FB ID								
	Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
	Max. Speed	-	-	-	-	8,000 rpm	8,000 rpm	10,000 rpm	8,000 rpm	8,000 rpm
	Max. RCF	-	-	-	-	10,016 x g	10,016 x g	15,650 x g	10,016 x g	10,016 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/ rotor"
Without Adapter	Rotor Angle 6 x 250 ml FB ID	250 ml	62 mm	Flat Bottom	6
30559414	Adapter 1 x 175/225 ml D61 mm FA 2/pk	175/225 ml	61 mm	Conical Bottom	6
30304373	Adapter 1 x 50 ml D29 mm RB 2/pk	50 ml	29 mm	Round Bottom	6
30304374	Adapter 1 x 50 ml D30 mm FA 2/pk	50 ml	30 mm	Conical Bottom	6
30304372	Adapter 2 x 30 ml D26 mm RB 2/pk	30 ml	26 mm	Round Bottom	12
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30304371	Adapter 4 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	24
30304370	Adapter 5 x 10 ml D16 mm RB 2/pk	10 ml	16 mm	Round Bottom	30
30304369	Adapter 8 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	48
30559412	Adapter 15 x 1.5/2.0 ml D11 mm MTB 2/pk	1.5/2.0 ml	11 mm	Microtube	90

▲Only possible with Adapter 30304374



	Order No.	30314820								
	Description	Rotor Swing out 4 x 290 ml ID								
	Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
	Max. Speed	-	-	-	-	4,500 rpm	4,500 rpm	4,000 rpm	-	-
	Max. RCF	-	-	-	-	3,780 x g	3,780 x g	2,987 x g	-	-

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/ rotor
30314901	Screw cap Rack of 250 ml Rotor 2/pk	-	-	-	-
30314902	O-Ring for rotor 30314820 10/pk	-	-	-	-
83041037	Bucket 1 x 290 ml D62 mm FB 2/pk	290 ml	62 mm	Flat Bottom	4
30314903	Rack 1 x 250 ml D62 mm FB 2/pk	250 ml	62 mm	Flat Bottom	4
30314904	Rack 1 x 100 ml D41 mm RB 2/pk	100 ml	41 mm	Round Bottom	4
30314907	Rack 1 x 50 ml D34 mm RB 2/pk V2	50 ml	34 mm	Round Bottom	4
30314905	Rack 3 x 50 ml D29 mm RB 2/pk	50 ml	29 mm	Round Bottom	12
30314906	Rack 3 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	12
30314908	Rack 2 x 50 ml D29 mm Rim 2/pk	50 ml	29 mm	Skirted Conical Bottom	8
30314909	Rack 1 x 50 ml D29 mm Rim 2/pk V2	50 ml	29 mm	Skirted Conical Bottom	4
30314910	Rack 5 x 25 ml D24.5 mm RB 2/pk	25 ml	24.5 mm	Round Bottom	20
30314911	Rack 3 x 25 ml D24.5 mm Rim 2/pk	25 ml	24.5 mm	Skirted Conical Bottom	12
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	4
30314912	Rack 9 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	36
30314913	Rack 7 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	28
30314914	Rack 7 x 15 ml D17 mm Rim 2/pk	15 ml	17 mm	Skirted Conical Bottom	28
30314915	Rack 8 x 10 ml D16 mm RB 2/pk	10 ml	16 mm	Round Bottom	32
30304367	Rack 8 x 4-10 ml D16 mm Vac/Sar 2/pk	4-10 ml	16 mm	Vacutainer®/Sarstedt®	32
30314916	Rack 14 x 5-7 ml D13 mm RB 2/pk	5-7 ml	13 mm	Round Bottom	56
30314917	Rack 10 x 1.6-7 ml D13 mm Vac/Sar 2/pk	1.6-7 ml	13 mm	Vacutainer®/Sarstedt®	40
30304368*	Adapter 9 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	36

*Only possible with Rack 30314903

▲Only possible with Rack 30314906

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Order No.	**30314828**								
Description	**Swing Out Rotor 4 × 250 ml ID**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	-	-	-	-	4,500 rpm	4,500 rpm	-	-	-
Max. RCF	-	-	-	-	3,735 x g	3,735 x g	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
83041039	Rack 1 x 250 ml D62 mm FB 2/pk	250 ml	62 mm	Flat Bottom	4
30304375	Rack 4 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	16
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30314583	Rack 10 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	40
30314585	Rack 12 x 4-10 ml D16 mm Vac/Sar 2/pk	4-10 ml	16 mm	Vacutainer®/Sarstedt®	48
30314584	Rack 14 x 5-7 ml D13 mm Vac/Sar 2/pk	5-7 ml	13 mm	Vacutainer®/Sarstedt®	56
83041038	Rack 18 x 1.1-5 ml D11 mm Sar 2/pk	1.1-5 ml	11 mm	Sarstedt®	72

▲Only possible with Rack 30304375



Order No.	**83041011**								
Description	**Rotor Swing out 4 x 200 ml ID Sealable**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	-	-	-	5,000 rpm	-	-	-	-	-
Max. RCF	-	-	-	4,136 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/ rotor
83041012	Bucket 200 ml w/o Cap BIOSEALS 2/pk	-	-	-	-
83041013	Bucket 200 ml w/Cap BIOSEALS 2/pk	-	-	-	-
83041005	Screw Cap 200 ml Bucket BIOSEALS 2/pk	-	-	-	-
83041015	O-Ring for 200 ml bucket 10/pk	-	-	-	-
83041016	Rack 1 × 200 ml D56 mm FA 2/pk	200 ml	56 mm	Conical Bottom	4
83041017	Rack 1 × 100 ml D40 mm RB 2/pk V1	100 ml	40 mm	Round Bottom	4
83041018	Rack 1 × 85 ml D38 mm RB 2/pk V2	85 ml	38 mm	Round Bottom	4
83041019	Rack 1 × 50 ml D34 mm RB 2/pk V3	50 ml	34 mm	Round Bottom	4
83041020	Rack 1 × 50 ml D29 mm RB 2/pk V2	50 ml	29 mm	Round Bottom	4
83041021	Rack 1 × 50 ml D29 mm FA 2/pk V2	50 ml	29 mm	Conical Bottom	4
83041022	Rack 1 × 50 ml D29 mm Rim 2/pk V3	50 ml	29 mm	Skirted Conical Bottom	4
83041023	Rack 1 × 30 ml D25 mm Rim 2/pk V2	30 ml	25 mm	Skirted Conical Bottom	4
83041024	Rack 1 × 30 ml D25 mm RB 2/pk	30 ml	25 mm	Round Bottom	4
83041025	Rack 4 × 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	16
83041026	Rack 3 × 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	12
83041027	Rack 7 × 15 ml D17 mm RB/Vac 2/pk V1	15 ml	17 mm	Round Bottom/Vacutainer®	28
83041028	Rack 8 × 7 ml D13 mm RB/Vac 2/pk	7 ml	13 mm	Round Bottom/Vacutainer®	32
83041029	Rack 4 × 5 ml D17 mm FA 2/pk	5 ml	17 mm	Conical Bottom	20
83041030	Rack 8 × 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	32
83041031	Bucket 2 x 50 ml D29 mm FA w/ Rack 2/pk V1	50 ml	29 mm	Conical Bottom	8

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Order No.	30314822								
Description	Rotor Swing out 4 x 145 ml ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	-	-	-	-	-
Max. RCF	3,350 x g	3,350 x g	3,350 x g	3,350 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
83041035	Rack 1 x 145 ml D50 mm FB 2/pk	145 ml	50 mm	Flat Bottom Nalgene®	4
30314842	Rack 1 x 100 ml D46 mm RB 2/pk	100 ml	46 mm	Round Bottom	4
30314843	Rack 1 x 85 ml D38 mm RB 2/pk	85 ml	38 mm	Round Bottom	4
30314844	Rack 1 x 50 ml D34 mm RB 2/pk	50 ml	34 mm	Round Bottom	4
30314845	Rack 1 x 50 ml D29 mm RB 2/pk	50 ml	29 mm	Round Bottom	4
30314846	Rack 1 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	4
30314847	Rack 1 x 50 ml D29 mm Rim 2/pk	50 ml	29 mm	Skirted Conical Bottom	4
30314848	Rack 1 x 30 ml D25 mm Rim 2/pk	30 ml	25 mm	Skirted Conical Bottom	4
30314849	Rack 1 x 25 ml D25 mm RB 2/pk	25 ml	25 mm	Round Bottom	4
30314852	Rack 7 x 15 ml D17 mm RB/Vac 2/pk	15 ml	17 mm	Round Bottom/Vacutainer®	28
30314850	Rack 2 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	8
30314851	Rack 1 x 15 ml D17 mm Rim 2/pk	15 ml	17 mm	Skirted Conical Bottom	4
30314858	Rack 5 x 4-10 ml D16 mm Sar 2/pk	4-10 ml	16 mm	Sarstedt®	20
30314853	Rack 9 x 5-7 ml D13 mm RB 2/pk	5-7 ml	13 mm	Round Bottom	36
30314856	Rack 7 x 5-7 ml D13 mm RB 2/pk	5-7 ml	13 mm	Round Bottom	28
30314857	Rack 7 x 5-7 ml D13 mm Vac 2/pk	5-7 ml	13 mm	Vacutainer®	28
30314855	Rack 9 x 4.5 ml D12 mm FB 2/pk	4.5 ml	12 mm	Flat Bottom	36
30314854	Rack 10 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	40



Order No.	30314825								
Description	Rotor Angle 6 x 85 ml RB ID Hi								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	11,000 rpm	13,500 rpm	13,500 rpm	-	-	-	-	-
Max. RCF	-	13,932 x g	20,984 x g	20,984 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 6 x 85 ml RB ID Hi	85 ml	38 mm	Round Bottom	6
30314895	Adapter 1 x 50 ml D29 mm RB 2/pk V1	50 ml	29 mm	Round Bottom	6
30314896	Adapter 1 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	6
83041033	Adapter 1 x 50 ml D29 mm Rim 2/pk V4	50 ml	29 mm	Skirted Conical Bottom	6
30314894	Adapter 1 x 30 ml D25 mm RB 2/pk	30 ml	25 mm	Round Bottom	6
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30314899	Adapter 1 x 16 ml D18 mm RB 2/pk	16 ml	18 mm	Round Bottom	6
30314897	Adapter 1 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	6
30314898	Adapter 2 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	12
83041034	Adapter 1 x 15 ml D17 mm Rim 2/pk	15 ml	17 mm	Skirted Conical Bottom	6
30314893	Adapter 1 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	6

▲Only possible with Adapter 30314896

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Order No.	30314826								
Description	Rotor Angle 6 x 85 ml RB ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	9,000 rpm	9,000 rpm	13,000 rpm	11,000 rpm	13,000 rpm	13,000 rpm	11,000 rpm	13,000 rpm
Max. RCF	-	10,413 x g	10,413 x g	21,726 x g	15,555 x g	21,726 x g	21,726 x g	15,555 x g	21,726 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 6 x 85 ml RB ID	85 ml	38 mm	Round Bottom	6
30314895	Adapter 1 x 50 ml D29 mm RB 2/pk V1	50 ml	29 mm	Round Bottom	6
30314896	Adapter 1 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	6
30314894	Adapter 1 x 30 ml D25 mm RB 2/pk	30 ml	25 mm	Round Bottom	6
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30314899	Adapter 1 x 16 ml D18 mm RB 2/pk	16 ml	18 mm	Round Bottom	6
30314897	Adapter 1 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	6
30314898	Adapter 2 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	12
30314893	Adapter 1 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	6

▲Only possible with Adapter 30314896



Order No.	30314829								
Description	Rotor Angle 10 x 50 ml FA ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	7,500 rpm	7,500 rpm	9,000 rpm	9,000 rpm	10,500 rpm	10,500 rpm	10,000 rpm	10,500 rpm
Max. RCF	-	8,174 x g	8,174 x g	11,771 x g	11,771 x g	16,022 x g	16,022 x g	14,532 x g	16,022 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 10 x 50 ml FA ID	50 ml	29 mm	Conical Bottom	10
83041032	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	10
30472300	Adapter 1 x 15 ml D17 mm RB 2/pk V1	15 ml	17 mm	Round Bottom	10
30472307	Adapter 1 x 15 ml D17 mm FA 2/pk V1	15 ml	17 mm	Conical Bottom	10
30130889▲	Adapter 1 x 7 ml D13 mm RB/Vac/Sar 2/pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	10
30130890▲	Adapter 1 x 5 ml D13 mm RB/Vac/Sar 2/pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	10
30130886▲	Adapter 1 x 1.5/2.0 ml D11 mm 6/pk	1.5/2.0 ml	11 mm	Microtube	10

▲Only possible with adapter 30472300 or 30472307



Order No.	30314832								
Description	Rotor Angle 30 x 15 ml RB/FA ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	-	-
Max. RCF	2,830/ 2,467 x g	2,830/ 2,467 x g	2,830/ 2,467 x g	2,830/ 2,467 x g	2,830/ 2,467 x g	2,830/ 2,467 x g	2,830/ 2,467 x g	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 30 x 15 ml RB/FA ID	15 ml	17 mm	Round Bottom/Conical Bottom	30
30130889	Adapter 1 x 7 ml D13 mm RB/Vac/Sar 2/pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	30
30130890	Adapter 1 x 5 ml D13 mm RB/Vac/Sar 2/pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	30
30130886	Adapter 1 x 1.5/2.0 ml D11 mm 6/pk	1.5/2.0 ml	11 mm	Microtube	30

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Order No.	30314823								
Description	Rotor Swing out 4 x 100 ml ID Sealable								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	4,000 rpm	5,000 rpm	5,000 rpm	-	-	-	-	-	-
Max. RCF	2,611 x g	4,080 x g	4,080 x g	-	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
30314860	Bucket 100 ml w/o cap 2/pk	-	-	-	-
30314861	Bucket 100 ml w/ cap Sealable 2/pk	-	-	-	-
30314862	Screw cap 100 ml Bucket Sealable 2/pk	-	-	-	-
30314863	O-Ring for 100 ml Bucket Sealable 10/pk	-	-	-	-
30314864	Rack 1 x 100 ml D40 mm RB 2/pk	100 ml	40 mm	Round Bottom	4
30314865	Rack 1 x 85 ml D38 mm RB 2/pk V1	85 ml	38 mm	Round Bottom	4
30314866	Rack 1 x 50 ml D34 mm RB 2/pk V1	50 ml	34 mm	Round Bottom	4
30314867	Rack 1 x 50 ml D29 mm RB 2/pk V1	50 ml	29 mm	Conical Bottom	4
30314868	Rack 1 x 50 ml D29 mm FA 2/pk V1	50 ml	29 mm	Conical Bottom	4
30314881	Bucket 2 x 50 ml D29 mm FA w/ Rack 2/pk	50 ml	29 mm	Conical Bottom	8
30314869	Rack 1 x 50 ml D29 mm Rim 2/pk V1	50 ml	29 mm	Skirted Conical Bottom	4
30314870	Rack 1 x 30 ml D25 mm Rim 2/pk V1	30 ml	25 mm	Skirted Conical Bottom	4
83041032▲	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	4
30314871	Rack 1 x 25 ml D25 mm RB 2/pk V1	25 ml	25 mm	Round Bottom	4
30314872	Rack 1 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	4
30314873*	Rack 2 x 15 ml D17 mm FA 2/pk V1	15 ml	17 mm	Conical Bottom	8
30314874*	Rack 2 x 15 ml D17 mm Rim 2/pk	15 ml	17 mm	Skirted Conical Bottom	8
30314875	Rack 4 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	16
30314882	Bucket 3 x 15 ml D17 mm FA w/ Rack 2/pk	15 ml	17 mm	Conical Bottom	12
30314878	Rack 3 x 10 ml D17 mm Sar 2/pk	10 ml	17 mm	Sarstedt®	12
30314880	Rack 4 x 10 ml D17 mm Vac 2/pk	10 ml	17 mm	Vacutainer®	16
30314876	Rack 7 x 5-7 ml D13 mm RB 2/pk V1	5-7 ml	13 mm	Round Bottom	28
30314879	Rack 4 x 5-7 ml D13 mm Vac 2/pk	5-7 ml	13 mm	Vacutainer®	16
30314877	Rack 5 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	20

▲ All racks are used with buckets only

▲Only possible with Rack 30314868



Order No.	30314824								
Description	Rotor Swing out 2 x 3 MTP w/ bucket ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm	4,500 rpm
Max. RCF	2,716 x g	2,716 x g	2,716 x g	2,716 x g	2,716 x g	2,716 x g	2,716 x g	2,716 x g	2,716 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Swing out 2 x 3 MTP w/ bucket ID	-	-	-	-
30314890	Bucket 3 x MTP 2/pk	-	-	MTP	6
30314891	Adapter 48 x 1.5/2.0 ml D11 mm 2/pk	1.5/2.0 ml	11 mm	Microtube	96

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Order No.	30314827								
Description	Rotor Angle 4 x 85 ml RB ID Hi								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	12,000 rpm	12,000 rpm	15,000 rpm	12,000 rpm	12,000 rpm	20,000 rpm	15,000 rpm	16,000 rpm
Max. RCF	-	14,809 x g	14,809 x g	23,140 x g	14,809 x g	14,809 x g	41,137 x g	23,140 x g	26,328 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 4 x 85 ml RB ID Hi	85 ml	38 mm	Round Bottom	4
30314895	Adapter 1 x 50 ml D29 mm RB 2/pk V1	50 ml	29 mm	Round Bottom	4
30314896*	Adapter 1 x 50 ml D29 mm FA 2/pk	50 ml	29 mm	Conical Bottom	4
30314894	Adapter 1 x 30 ml D25 mm RB 2/pk	30 ml	25 mm	Round Bottom	4
30314899	Adapter 1 x 16 ml D18 mm RB 2/pk	16 ml	18 mm	Round Bottom	4
30314897*	Adapter 1 x 15 ml D17 mm FA 2/pk	15 ml	17 mm	Conical Bottom	4
30314898	Adapter 2 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	8
30314893	Adapter 1 x 15 ml D17 mm RB 2/pk	15 ml	17 mm	Round Bottom	4

*Only without rotor lid



Order No.	30314830								
Description	Rotor Angle 6 x 50 ml RB/FA ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	6,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm	-	-	-	-	-
Max. RCF	4,427 x g	4,427 x g	4,427 x g	4,427 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 6 x 50 ml RB/FA ID	50 ml	29 mm	Round Bottom/Conical Bottom	6
30130891	Adapter 1 x 30 ml D26 mm 2/pk	30 ml	26 mm	Round Bottom	6
83041032	Adapter 1 x 25 ml D29 mm FA 2/pk	25 ml	29 mm	Conical Bottom	6
30130892	Adapter 1 x 16 ml D18 mm 2/pk	16 ml	18 mm	Round Bottom	6
30130893	Adapter 1 x 15 ml D17 mm 2/pk	15 ml	17 mm	Round Bottom	6
30130894	Adapter 1 x 15 ml D17 mm RB/FA 2/pk	15 ml	17 mm	Round Bottom/Conical Bottom	6
30130889	Adapter 1 x 7 ml D13 mm RB/Vac/Sar 2/pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	6
30130890	Adapter 1 x 5 ml D13 mm RB/Vac/Sar 2/pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	6
30130886	Adapter 1 x 1.5/2.0 ml D11 mm 6/pk	1.5/2.0 ml	11 mm	Microtube	6



Order No.	30314831								
Description	Rotor Angle 6 x 50 ml RB ID Hi								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	12,000 rpm	12,000 rpm	16,000 rpm	13,000 rpm	13,000 rpm	21,000 rpm	13,000 rpm	13,000 rpm
Max. RCF	-	13,522 x g	13,522 x g	24,039 x g	15,869 x g	15,869 x g	41,410 x g	15,869 x g	15,869 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 6 x 50 ml RB ID Hi	50 ml	29 mm	Round Bottom	6
30130891	Adapter 1 x 30 ml D26 mm 2/pk	30 ml	26 mm	Round Bottom	6
30130892	Adapter 1 x 16 ml D18 mm 2/pk	16 ml	18 mm	Round Bottom	6
30314892	Adapter 1 x 15 ml D17.5mm FA 2/pk	15 ml	17.5 mm	Conical Bottom	6
30130893	Adapter 1 x 15 ml D17 mm 2/pk	15 ml	17 mm	Round Bottom	6

*Only without rotor lid

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Order No.	30314833								
Description	Rotor Angle 20 x 10 ml RB ID Hi								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	12,000 rpm	12,000 rpm	14,000 rpm	12,000 rpm	12,000 rpm	16,000 rpm	12,000 rpm	12,000 rpm
Max. RCF	-	15,775 x g	15,775 x g	21,472 x g	15,775 x g	15,775 x g	28,045 x g	15,775 x g	15,775 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 20 x 10 ml RB ID Hi	10 ml	16 mm	Round Bottom	20



Order No.	30314834								
Description	Rotor Angle 12 x 15 ml RB/FA ID								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	6,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm	-	-	-	-	-
Max. RCF	4,427 x g	4,427 x g	4,427 x g	4,427 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 12 x 15 ml RB/FA ID	15 ml	17 mm	Round Bottom/Conical Bottom	12
30130889	Adapter 1 x 7 ml D13 mm RB/Vac/Sar 2/pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	12
30130890	Adapter 1 x 5 ml D13 mm RB/Vac/Sar 2/pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt®	12
30130886	Adapter 1 x 1.5/2.0 ml D11 mm 6/pk	1.5/2.0 ml	11 mm	Microtube	12



Order No.	30372718								
Description	Rotor Angle 44 x 1.5/2.0 ml ID V1								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	-	15,000 rpm	15,000 rpm	15,000 rpm	15,000 rpm	16,000 rpm	-	16,000 rpm	16,000 rpm
Max. RCF	-	21,127/ 21,379 x g	21,127/ 21,379 x g	21,127/ 21,379 x g	21,127/ 21,379 x g	24,038/ 24,325 xg	-	24,038/ 24,325 xg	24,038/ 24,325 xg

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 44 x 1.5/2.0 ml ID V1	1.5/2.0 ml	11 mm	Microtube	44
30130885	Adapter 1 x 0.5 ml D8 mm 6/pk	0.5 ml	8 mm	Microtube	44
30130884	Adapter 1 x 0.2/0.4 ml D6 mm 6/pk	0.2/0.4 ml	6 mm	Microtube	44



Order No.	30314836								
Description	Rotor Angle 30 x 1.5/2.0 ml ID Sealable								
Compatible with	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R	FC5916	FC5916R
Max. Speed	12,000 rpm	13,000 rpm	14,000 rpm	17,000 rpm	-	-	20,000 rpm	15,000 rpm	15,000 rpm
Max. RCF	15,131 x g	17,758 x g	20,595 x g	30,368 x g	-	-	42,032 x g	23,643 x g	23,643 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 30 x 1.5/2.0 ml ID Sealable	1.5/2.0 ml	11 mm	Microtube	30
30130885	Adapter 1 x 0.5 ml D8 mm 6/pk	0.5 ml	8 mm	Microtube	30
30130884	Adapter 1 x 0.2/0.4 ml D6 mm 6/pk	0.2/0.4 ml	6 mm	Microtube	30

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Order No.	**83041238**								
Description	**Rotor Angle 24 x 1.5/2.0 ml ID BIOSEALS V1**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	14,000 rpm	15,000 rpm	15,000 rpm	16,000 rpm	15,000 rpm	16,000 rpm	-	16,000 rpm	16,000 rpm
Max. RCF	18,624 x g	21,379 x g	21,379 x g	24,325 x g	21,379 x g	24,325 x g	-	24,325 x g	24,325 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 24 x 1.5/2.0 ml ID BIOSEALS V1	1.5/2.0 ml	11 mm	Microtube	24
30130885	Adapter 1 x 0.5 ml D8 mm 6/pk	0.5 ml	8 mm	Microtube	24
30130884	Adapter 1 x 0.2/0.4 ml D6 mm 6/pk	0.2/0.4 ml	6 mm	Microtube	24



Order No.	**30304361**								
Description	**Rotor Angle 24 x 1.5/2.0 ml ID BIOSEALS**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	-	-	-	20,000 rpm	-	-	-	-	-
Max. RCF	-	-	-	38,007 x g	-	-	-	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 24 x 1.5/2.0 ml ID BIOSEALS	1.5/2.0 ml	11 mm	Microtube	24
30130885	Adapter 1 x 0.5 ml D8 mm 6/pk	0.5 ml	8 mm	Microtube	24
30130884	Adapter 1 x 0.2/0.4 ml D6 mm 6/pk	0.2/0.4 ml	6 mm	Microtube	24



Order No.	**30314839**								
Description	**Rotor Angle 12 x 1.5/2.0 ml ID**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	-	18,000 rpm	18,000 rpm	-	-	-	30,000 rpm	-	-
Max. RCF	-	23,643 x g	23,643 x g	-	-	-	65,395 x g	-	-

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 12 x 1.5/2.0 ml ID	1.5/2.0 ml	11 mm	Microtube	12
30314900	Adapter 1 x 1.5 ml for over 16000 × g 6/pk	1.5/2.0 ml	11 mm	Microtube	12
30130885	Adapter 1 x 0.5 ml D8 mm 6/pk	0.5 ml	8 mm	Microtube	12
30130884	Adapter 1 x 0.2/0.4 ml D6 mm 6/pk	0.2/0.4 ml	6 mm	Microtube	12



Order No.	**30314841**								
Description	**Rotor Angle 4 x 8-Place PCR Strip ID**								
Compatible with	**FC5714**	**FC5718**	**FC5718R**	**FC5720R**	**FC5816**	**FC5816R**	**FC5830R**	**FC5916**	**FC5916R**
Max. Speed	-	15,000 rpm	15,000 rpm	15,000 rpm	-	-	-	15,000 rpm	15,000 rpm
Max. RCF	-	15,434 x g	15,434 x g	15,434 x g	-	-	-	15,434 x g	15,434 x g

Accessories

Order No.	Description	Vol./Tube	Tube Diameter	Tube type	No.of tubes/ rotor
Without Adapter	Rotor Angle 4 x 8-Place PCR Strip ID	-	-	8-w PCR Strip	21

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