FRONTIER™ 5718&5718R

Multi-Pro Centrifuges

Powerful and Versatile High-throughput Centrifuges for Virtually Any Lab Application

Frontier 5718 and 5718R are designed for multipurpose use in various applications within research, industrial, and clinical laboratories. It can be combined with our range of rotors and accessories for customized use. The FC5718 and FC5718R is able to spin containers from 0.2 ml to 4 × 200 ml with swing-out and fixed angle rotors. They feature high-speed performance at maximum volume, automatic rotor identification, and multiple safety features. Depending on the centrifuge model, they can process large quantities and different sizes of blood collection tubes, conical cell culture tubes, plates, and various volumes and types of bottles.

Unique Features:

- Thanks to its powerful motor, the FC5718 and FC5718R deliver precise separation results achieving values up to 18000 rpm and 23542 G-force. This can be configured to fit workflow needs using a selection of rotors and accessories.
- The intuitive design of the centrifuges & accessories enable easy access to parameter settings, with the flexibility to change parameters during operation without the need to stop the machine. 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. Rotor chamber constructed of chemical-resistant stainless steel to ensure durability in lab use.

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FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Maximum Application Flexibility

FC5718 and FC5718R centrifuges are designed for maximum application flexibility efficiently accommodate a wide variety of tubes and bottles, including microtubes, blood tubes, round bottom tubes, conical tubes, PCR Strips/tubes and microliter plates, ensuring versatile and reliable performance for diverse laboratory needs.

- Compatible with up to 19 optional rotors and 115 accessories
- Capacity of up to 4 x 200 ml with the ability to spin up to 32 blood tubes or 20 x 15 ml conical tubes and 10 x 50 ml conical tubes
- High-speed centrifugation (>10 000 rpm) from 0.2 ml up to 1.5/2.0 ml tubes
- FC5718R has refrigeration capabilities from 40 °C to -20 °C
  - R290, an environmentally friendly coolant, contributes to the eco-friendliness of refrigerated centrifuges by minimizing their environmental impact and supporting efforts to combat global warming
  - Pre-cool feature quickly lowers the temperature of rotor and chamber before a run

Intuitively Designed for Simple Operation

FC5718 and FC5718R were designed to make lab processes more efficient and easier, and includes many user-friendly features & software that allow for intuitive operation.

- Automatic rotor recognition (RFID) 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 motor provices maximym G-force of 23542 × g
- Optimized airflow system to keep samples cool (FC5718)
- 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

FC5718 and FC5718R 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 TÜV certified rotors to safeguard operators from harmful aerosols

FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Specifications

Model		FC5718		FC5718R	
Order No.		230V: 30314812	120V: 30314813	230V: 83042045	120V: 83042046
Speed Range		200 rpm – 18000 rpm; 10 rpm / increments Angle Rotor: 18000 rpm Swing out Rotor: 5000 rpm			
Maximum RCF		23542 x g; 10 x g / increments Angle Rotor: 23542 x g Swing out Rotor: 4136 x g			
Maximum Capacity (Rotor)		Angle Rotor: 6 x 85 ml Swing out Rotor: 4 x 200 ml			
Temperature Range		Air cooled		-20 °C to 40 °C, 1 °C / increments	
Refrigerant		N/A		R290 (Propane)	
Running Time		Quick Spin, 10 sec to 99 hr 59 min, or continuous			
Noise Level (depending on the rotor)		≤ 60 + 2 dB(A)		≤ 60 + 2 dB(A)	
Acc/Dec Levels		10/10			
Allowable Density at Maximum Speed		1.2 g/ml			
Allowable Kinetic Energy		16672 Nm		25111 Nm	
AC Power		230 V/50-60 Hz	120 V/50-60 Hz	230 V/50-60 Hz	120 V/50-60 Hz
Voltage Fluctuation		± 10%			
Current Consumption		2.0 A	4.0 A	3.0 A	6.0 A
Power Consumption		455 W	475 W	660 W	660 W
Dimensions (W x D x H)		400 x 498 x 352 mm / 15.7 x 19.6 x 13.9 in		400 x 730 x 360 mm / 15.7 x 28.7 x 14.2 in	
Net Weight (without rotor)		43 kg / 95 lb		60 kg / 132 lb	
Shipping Dimensions (W x D x H)		490 x 590 x 540 mm / 19.3 x 23.2 x 21.6 in		640 x 820 x 470 mm / 25.2 x 32.3 x 18.5 in	
Shipping Weight (without rotor)		53 kg / 117 lb		77 kg / 170 lb	
Ambient conditions (EN/IEC 61010-1)	**Environment**	For indoor use only			
	Altitude	Use up to an altitude of 2000 m			
	Ambient temperature	5 °C up to 35 °C			
	Max. relative humidity	Max. relative humidity 80 % for temperatures up to 31 °C, Decreasing linearly to 50 % relative humidity up to 35 °C.			
EMC		EN/IEC 61326-1 Class B emissions, Basic immunity FCC Class B emissions			
Not suitable for use in hazardous environments.					

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FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Tube Type	Tubes Type	Tube diamentions	Number of tubes per centrifuge
	Microtubes	0.2 – 2.0 ml (Ø 6 – 11 × 38 mm)	44
		5 ml (Ø 16.5 × 69 mm)	12
	Blood Collection Tubes	1.8 – 5 ml Ø 13 × 75 mm)	32
		4 – 7 ml (Ø 13 × 100 mm)	32
		6 – 10 ml (Ø 16 × 100 mm)	28
	Conical Tubes	15 ml (Ø 17 × 120 mm)	20
		50 ml (Ø 29 × 116 mm)	10

Tube Type	Tubes Type	Tube diamentions	Number of tubes per centrifuge
	Vials & Bottles	15 ml Round Bottom (Ø 17 × 120 mm)	30
		50 ml Round Bottom (Ø 29 × 116 mm)	6
		100 ml Round Bottom (Ø 44 × 100 mm)	4
		145 ml Flat Bottom (Ø 50 × 100 mm)	4
		200 ml Round Bottom (Ø 56 × 112 mm	4
	PCR Stripes & Tubes	Stripes	4
		PCR Tubes	32

Accessories

Order No.	83041011	
Description	Rotor Swing out 4 x 200 ml ID	
Compatible with	FC5718	FC5718R
Max. Speed	5000 rpm	5000 rpm
Max. RCF	4136 x g	4136 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Round Bucket (with TUV Certificate) and accessories					
83041012	Bucket 200 ml w/o Cap, 2 pk	-	-	-	-
83041013	Bucket 200 ml w/Cap BIOSEALS, 2 pk	-	-	-	-
83041005*	Screw Cap 200 ml Bucket, 2 pk	-	-	-	-
83041015	O-Ring for 200 ml bucket, 10 pk	-	-	-	-
83041016	Rack 1 x 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
83041593	Rack 1 x 8 ml D16mm Vac, 2 pk V1	8 ml	16 mm	Round Bottom/Vacutainer®	4
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
Round Bucket (without TUV Certificate, can be used only without bucket screw cap)					
83041031	Bucket 2 × 50 ml D29 mm FA w/Rack, 2 pk V1	50 ml	29 mm	Conical Bottom	8

* 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.

FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	30314822	
Description	Rotor Swing out 4 × 145 ml ID	
Compatible with	FC5718	FC5718R
Max. Speed	4500 rpm	4500 rpm
Max. RCF	3350 x g	3350 x g

Accessories

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

Cell Culture Package

Order No.	Description
83041631	Package Cell Culture for Rotor 30314822

Products Included in the Package

Order No.	Description	Qty	Number of Tubes
30314822	Rotor Swing out 4x145ml ID	1	-
30314846	Rack 1x50ml D29mm FA, 2 pk	2	4
30314850	Rack 2x15ml D17mm FA, 2 pk	2	8

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Order No.	30314825	
Description	Rotor Angle 6 × 85 ml RB ID Hi	
Compatible with	FC5718	FC5718R
Max. Speed	11000 rpm	13500 rpm
Max. RCF	13932 x g	20984 x g

Accessories

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

▲Only possible with Adapter 30314896

Order No.	30314826	
Description	Rotor Angle 6 × 85 ml RB ID	
Compatible with	FC5718	FC5718R
Max. Speed	9000 rpm	9000 rpm
Max. RCF	10413 x g	10413 x g

Accessories

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

▲Only possible with Adapter 30314896

FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	**30314829**	
Description	**Rotor Angle 10 × 50 ml FA ID**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	7500 rpm	7500 rpm
Max. RCF	8174 x g	8174 x g

Accessories

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

▲Only possible with Adapter 30472300

Order No.	**30314832**	
Description	**Rotor Angle 30 × 15 ml RB/FA ID**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	4500 rpm	4500 rpm
Max. RCF	2830/2467 x g	2830/2467 x g

Accessories

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

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FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	30314823	
Description	Rotor Swing out 4 x 100 ml ID	
Compatible with	FC5718	FC5718R
Max. Speed	5000 rpm	5000 rpm
Max. RCF	4080 x g	4080 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Round Bucket and accessories					
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 × 100 ml D40 mm RB, 2 pk	100 ml	40 mm	Round Bottom	4
30314865	Rack 1 × 85 ml D38 mm RB, 2 pk V1	85 ml	38 mm	Round Bottom	4
30314866	Rack 1 × 50 ml D34 mm RB, 2 pk V1	50 ml	34 mm	Round Bottom	4
30314867	Rack 1 × 50 ml D29 mm RB, 2 pk V1	50 ml	29 mm	Conical Bottom	4
30314868	Rack 1 × 50 ml D29 mm FA, 2 pk V1	50 ml	29 mm	Conical Bottom	4
30314869	Rack 1 × 50 ml D29 mm Rim, 2 pk V1	50 ml	29 mm	Skirted Conical Bottom	4
30314870	Rack 1 × 30 ml D25 mm Rim, 2 pk V1	30 ml	25 mm	Skirted Conical Bottom	4
83041032▲	Adapter 1 × 25 ml D29 mm FA, 2 pk	25 ml	29 mm	Conical Bottom	4
30314871	Rack 1 × 25 ml D25 mm RB, 2 pk V1	25 ml	25 mm	Round Bottom	4
30314872	Rack 1 × 15 ml D17 mm FA, 2 pk	15 ml	17 mm	Conical Bottom	4
30314873*	Rack 2 × 15 ml D17 mm FA, 2 pk V1	15 ml	17 mm	Conical Bottom	8
30314874*	Rack 2 × 15 ml D17 mm Rim, 2 pk	15 ml	17 mm	Skirted Conical Bottom	8
30314875	Rack 4 × 15 ml D17 mm RB, 2 pk	15 ml	17 mm	Round Bottom	16
30314878	Rack 3 × 10 ml D17 mm Sar, 2 pk	10 ml	17 mm	Sarstedt	12
30314880	Rack 4 × 10 ml D17 mm Vac, 2 pk	10 ml	17 mm	Vacutainer®	16
83041589*	Rack 1 x 8 ml D16 mm Vac, 2 pk	8 ml	16 mm	Vacutainer®	4
30314876	Rack 7 × 5-7 ml D13 mm RB, 2 pk V1	5-7 ml	13 mm	Round Bottom	28
30314879	Rack 4 × 5-7 ml D13 mm Vac, 2 pk	5-7 ml	13 mm	Vacutainer®	16
30314877	Rack 5 × 1.5/2.0 ml D11 mm, 2 pk	1.5/2.0 ml	11 mm	Microtube	20
Round Bucket (can be used only without bucket screw cap)					
30314881	Bucket 2 × 50 ml D29 mm FA w/Rack, 2 pk	50 ml	29 mm	Conical Bottom	8
Round Bucket (can be used only without bucket screw cap)					
30314882	Bucket 3 × 15 ml D17 mm FA w/Rack, 2 pk	15 ml	17 mm	Conical Bottom	12

▲Only possible with Rack 30314868
*Only without bucket screw cap

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FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	30314824	
Description	Rotor Swing out 2 × 3 MTP w/bucket ID	
Compatible with	FC5718	FC5718R
Max. Speed	4500 rpm	4500 rpm
Max. RCF	2716 x g	2716 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
MTP Bucket and accessories					
Without Adapter	Rotor Swing out 2 × 3 MTP w/bucket ID	-	-	-	-
30314890	Bucket 3 × MTP, 2 pk	-	-	MTP	6
30314891	Adapter 48 × 1.5/2.0 ml D11 mm, 2 pk	1.5/2.0 ml	11 mm	Microtube	96

Order No.	30314827	
Description	Rotor Angle 4 × 85 ml RB ID Hi	
Compatible with	FC5718	FC5718R
Max. Speed	12000 rpm	12000 rpm
Max. RCF	14809 x g	14809 x g

Accessories

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

*Only without rotor lid

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Order No.	**30314830**	
Description	**Rotor Angle 6 × 50 ml RB/FA IDi**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	6000 rpm	6000 rpm
Max. RCF	4427 x g	4427 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 6 × 50 ml RB/FA ID	50 ml	29 mm	Round Bottom/Conical Bottom	6
30130891	Adapter 1 × 30 ml D26 mm, 2 pk	30 ml	26 mm	Round Bottom	6
83041032	Adapter 1 × 25 ml D29 mm FA, 2 pk	25 ml	29 mm	Conical Bottom	6
30130892	Adapter 1 × 16 ml D18 mm, 2 pk	16 ml	18 mm	Round Bottom	6
30130893	Adapter 1 × 15 ml D17 mm, 2 pk	15 ml	17 mm	Round Bottom	6
30130894	Adapter 1 × 15 ml D17 mm RB/FA, 2 pk	15 ml	17 mm	Round Bottom/Conical Bottom	6
30130889	Adapter 1 × 7 ml D13 mm RB/Vac/Sar, 2 pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt	6
30130890	Adapter 1 × 5 ml D13 mm RB/Vac/Sar 2 pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt	6
30130886	Adapter 1 × 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 × 50 ml RB ID Hi**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	12000 rpm	12000 rpm
Max. RCF	13522 x g	13522 x g

Accessories

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

Order No.	**30314833**	
Description	**Rotor Angle 20 × 10 ml RB ID Hi**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	12000 rpm	12000 rpm
Max. RCF	15775 x g	15775 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 20 × 10 ml RB ID Hi	10 ml	16 mm	Round Bottom	20

FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	30314834	
Description	Rotor Angle 12 × 15 ml RB/FA ID	
Compatible with	FC5718	FC5718R
Max. Speed	6000 rpm	6000 rpm
Max. RCF	4427 x g	4427 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 12 × 15 ml RB/FA ID	10 ml	16 mm	Round Bottom	12
30130889	Adapter 1 × 7 ml D13 mm RB/Vac/Sar, 2 pk	7 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt	12
30130890	Adapter 1 × 5 ml D13 mm RB/Vac/Sar, 2 pk	5 ml	13 mm	Round Bottom/Vacutainer®/Sarstedt	12
30130886	Adapter 1 × 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 × 1.5/2.0 ml ID V1	
Compatible with	FC5718	FC5718R
Max. Speed	15000 rpm	15000 rpm
Max. RCF	21127/21379 x g	21127/21379 x g

Accessories

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

Order No.	83041010	
Description	Rotor Angle 12 × 5 ml FA ID	
Compatible with	FC5718	FC5718R
Max. Speed	14000 rpm	15000 rpm
Max. RCF	18624 x g	21379 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 12 × 5 ml FA ID	5 ml	17 mm	Microtube	12
30130886	Adapter 1 × 1.5/2.0 ml D11 mm, 6 pk	1.5/2.0 ml	11 mm	Microtube	12
30130887	Adapter 1 × 1 ml D12.6 mm Cryo, 6 pk	1 ml	12.6 mm	Cryo Tube – Flat Bottom	12
30130888	Adapter 1 × 1.8 ml D12.6 mm Cryo, 6 pk	1.8 ml	12.6 mm	Cryo Tube – Round Bottom	12

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FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Order No.	**30314836**	
Description	**Rotor Angle 30 × 1.5/2.0 ml ID**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	13000 rpm	14000 rpm
Max. RCF	17758 x g	20595 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 30 × 1.5/2.0 ml ID	1.5/2.0 ml	11 mm	Microtube	30
30130885	Adapter 1 × 0.5 ml D8 mm, 6 pk	0.5 ml	8 mm	Microtube	30
30130884	Adapter 1 × 0.2/0.4 ml D6 mm, 6 pk	0.2/0.4 ml	6 mm	Microtube	30

Order No.	**83041238**	
Description	**Rotor Angle 24 × 1.5/2.0 ml ID BIOSEALS V1**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	15000 rpm	15000 rpm
Max. RCF	21379 x g	21379 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 24 × 1.5/2.0 ml ID BIOSEALS V1	1.5/2.0 ml	11 mm	Microtube	30
30130885	Adapter 1 × 0.5 ml D8 mm, 6 pk	0.5 ml	8 mm	Microtube	30
30130884	Adapter 1 × 0.2/0.4 ml D6 mm, 6 pk	0.2/0.4 ml	6 mm	Microtube	30

Order No.	**30314839**	
Description	**Rotor Angle 12 × 1.5/2.0 ml ID**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	13000 rpm	14000 rpm
Max. RCF	17758 x g	20595 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 24 × 1.5/2.0 ml ID	1.5/2.0 ml	11 mm	Microtube	30
30130885	Adapter 1 × 0.5 ml D8 mm, 6 pk	0.5 ml	8 mm	Microtube	30
30130884	Adapter 1 × 0.2/0.4 ml D6 mm, 6 pk	0.2/0.4 ml	6 mm	Microtube	30

Order No.	**30314841**	
Description	**Rotor Angle 4 × 8-Place PCR Strip ID**	
Compatible with	**FC5718**	**FC5718R**
Max. Speed	15000 rpm	15000 rpm
Max. RCF	15434 x g	15434 x g

Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 4 × 8-Place PCR Strip ID	-	-	8-w PCR Strip	21

Shortcut list:

ID – auto rotor identification
FA – Conical bottom / Falcon®
Hi – version with higher speed
FB – Flat bottom
Vac – Vacutainer®
RB – Round bottom
Sar – Sarstedt
Rim – Skirted conical bottom

FRONTIER™ 5718&5718R *Multi-Pro Centrifuges*

Other Standard Features and Equipment

Microprocessor control, Imbalance switch-off, Audible signal at the end of each run with melody options, Emergency release, 99 memory sets, Ten acceleration and ten deceleration rates, Pre-selection of running time from 10 sec to 99 hr 59 min or continuous, Quick spin for short runs.

Compliance

See Declaration of Conformity available CE Declarations | OHAUS

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