



FRONTIER™ 5000 SERIES

Centrifuges



The **Frontier™ Series** includes **Multi Pro, Micro, Multi, and Mini Centrifuges** that have been carefully designed to provide liquid separation for various applications. With four convenient styles that can accommodate tubes of many different sizes, there is a **Frontier™** centrifuge that will meet all different needs for separating substances of different densities.



Multi Pro Centrifuges



FC5917RF Short



FC5917RF



FC5916



FC5916R

Speed Range	200 - 16010 rpm	200 - 16010 rpm	200 - 16000 rpm	200 - 16000 rpm
RCF Range	20 - 26361 × g	20 - 26361 × g	20 - 24325 × g	20 - 26331 × g
Max capacity:				
Swing out rotor	4 × 1 L	4 × 1 L	4 × 750 ml	4 × 750 ml
Angle rotor	4 × 500 ml	4 × 500 ml	4 × 500 ml	4 × 500 ml
Temperature range	-20°C to 40°C	-20°C to 40°C	Air cool	-20°C to 40°C
Display	Double line LCD			
Control	Knob			
Running time	Quick Spin, 10 sec to 99 hr 59 min 59 sec or continuous			
Noise level dB(A)	≤ 63 ±2	≤ 63 ±2	≤ 63 ±2	≤ 63 ±2
No of compatible rotors	6	6	14	14
Dimensions (W × D × H)	24.4 × 27.2 × 27.6"	24.4 × 27.2 × 38.6"	21.3 × 26.4 × 15.4"	28.7 × 26.4 × 15.4"
Net Weight	346 lb	419 lb	187 lb	260 lb



FC5830R



FC5816



FC5816R

Speed Range	200 - 30000 rpm	200 - 15000 rpm	200 - 16000 rpm
RCF Range	20 - 65395 × g	20 - 21379 × g	20 - 24325 × g
Max capacity:			
Swing out rotor	4 × 290 ml	4 × 290 ml	4 × 290 ml
Angle rotor	6 × 250 ml	6 × 250 ml	6 × 250 ml
Temperature range	-20°C to 40°C	Air cool	-20°C to 40°C
Display	Double line LCD		
Control	Knob		
Running time	Quick Spin, 10 sec to 99 hr 59 min 59 sec or continuous		
Noise level dB(A)	≤ 60 ±2	≤ 61 ±2	≤ 61 ±2
No of compatible rotors	11	13	13
Dimensions (W × D × H)	28.5 × 20.4 × 16.3"	17.6 × 21.2 × 13.9"	28.5 × 21.2 × 13.9"
Net Weight	201 lb	115 lb	170 lb



FC5720R



FC5718



FC5718R



FC5714

Speed Range	200 - 20000 rpm	200 - 18000 rpm	200 - 18000 rpm	200 - 14000 rpm
RCF Range	20 - 38007 × g	20 - 23542 × g	20 - 23542 × g	20 - 18624 × g
Max capacity:				
Swing out rotor	4 × 200 ml	4 × 145 ml	4 × 145 ml	4 × 145 ml
Angle rotor	6 × 85 ml	6 × 85 ml	6 × 85 ml	30 × 15 ml
Temperature range	-20 C to 40 C	Air cool	-20°C to 40°C	Air cool
Display	Double line LCD			
Control	Knob			
Running time	Quick Spin, 10 sec to 99 hr 59 min 59 sec or continuous			
Noise level dB(A)	≤ 60 ±2	≤ 60 ±2	≤ 60 ±2	≤ 63 ±2
No of compatible rotors	17	19	19	10
Dimensions (W × D × H)	16.0 × 28.0 × 14.2"	16.1 × 19.7 × 13.8"	16.0 × 28.8 × 14.1"	14.3 × 19.4 × 13.0"
Net Weight	157 lb	95 lb	132 lb	66 lb

Micro Centrifuges



FC5515



FC5515R



FC5513



FC5513R

Speed Range	200 - 15200 rpm	200 - 15200 rpm	200 - 13500 rpm	200 - 14500 rpm
RCF Range	10 - 21953 × g	10 - 21953 × g	4 - 17317 × g	20 - 17157 × g
Max capacity:				
Swing out rotor	-	-	-	-
Angle rotor	44 × 1.5/2.0 ml or 12 × 5 ml	44 × 1.5/2.0 ml or 12 × 5 ml	24 × 1.5/2.0 ml	24 × 1.5/2.0 ml
Temperature range	Air cool	-20°C to 40°C	Air cool	-20° to 40°C
Display	Double line LCD			
Control	Knob	Knob	Touch Wheel	Touch Wheel
Running time	Quick Spin, 10 sec to 99 hr 59 min 59 sec or continuous			
Noise level dB(A)	≤ 60 ±2	≤ 57 ±2	≤ 60	≤ 56 + 2
No of compatible rotors	7	6	4	3
Dimensions (W × D × H)	15.5 × 11.5 × 11.3"	22.1 × 11.5 × 11.3"	14 × 9.3 × 10.9"	11.3 × 21.8 × 11.3"
Net Weight	38 lb	77 lb	27.8 lb	72.7 lb

Multi Centrifuges



FC5706P



FC5707

Speed Range	200 - 6000 rpm	200 - 6800 rpm
RCF Range	4 - 4427 × g	4 - 4445 × g
Max capacity:		
Swing out rotor	4 × 10 ml	-
Angle rotor	6 × 50 ml	8 × 15 ml RB / 4 × 15 ml FA or 4 × 50ml RB/FA / 4 × 15ml RB/FA
Temperature range	Air cool	
Display	Double line LCD	
Control	Knob	Touch Wheel
Running time	10 sec to 99 hr 59 min 59 sec or continuous	Quick Spin, 10 sec to 99 hr 59 min 59 sec or continuous
Noise level dB(A)	≤ 56 ±2	≤ 60
No of compatible rotors	5	2
Dimensions (W × D × H)	14.6 × 21.2 × 14.4"	14 × 9.3 × 10.9"
Net Weight	31 lbs	23 lbs

Mini Centrifuge



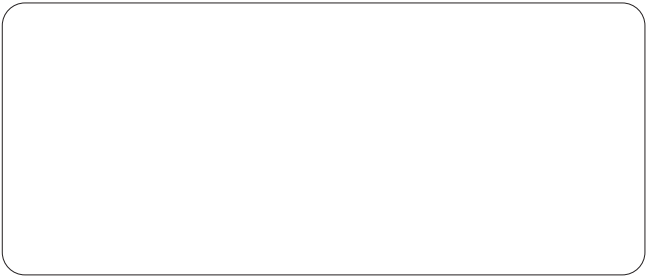
FC5306

Speed Range	6000 rpm
RCF Range	2000 × g
Max capacity:	
Swing out rotor	-
Angle rotor	8 × 1.5/2.0 ml
Temperature range	Air cool
Display	-
Control	-
Running time	-
Noise level dB(A)	< 55-58
No of compatible rotors	2
Dimensions (W × D × H)	6.6 × 5 × 5.9"
Net Weight	2.3 lbs

Intuitively Designed for User-Friendly Operation

Increased Safety with Built-in Protective Features

Solid Engineering Ensures Reliability and Durability



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