



FRONTIER™ 2000

Multi Centrifuges



Economical, Multi-Function Low-Speed Benchtop Centrifuge

The Frontier FC2706 Multi Centrifuge reaches a maximum speed of 6,000 rpm/3,660 x g in 12 sec. The five optional rotors can handle a sample range from 10 to 100 mL in either round bottom or conical bottom tubes. A simple interface allows users to easily change between various functions, and set up to nine programs. It is suitable for common laboratory applications, especially for extraction experiments of food, wastewater and biological samples.

Unique Features Include:

- Designed for safety - the imbalance sensor identifies a rotor imbalance and stops operation to protect the user. The lid's unique design allows it to remain open at all angles, preventing accidental closure.
- A backlit LCD display allows the user to easily view settings as well as adjust speed/time during operation. The lid automatically opens after the run is complete.
- FC2706 uses a quiet and maintenance-free brushless DC motor. The centrifuge housing, chamber and rotor buckets are constructed of corrosion-resistant stainless steel that holds up well to organic solvents.

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Specifications

MODEL	FC2706
Speed Range	300 – 6,000 rpm; 5 rpm/increments
Maximum RCF	3,660 x g; 5 x g/set
Maximum Capacity (rotor)	6 x 100 mL
Cooling	Air Cooled
Running Time	1 to 99 min 59 sec or Continuous
Noise Level (depending on the rotor)	≤ 65 dB(A)
Number of Compatible Rotors	5
Acc/Dec Levels	10
AC Power	230 V/50 – 60 Hz
Voltage Fluctuation	± 10%
Current Consumption	2 A
Power Consumption	300 W
Dimensions (W x D x H)	440 x 320 x 250 mm
Net Weight (without rotor)	21.0 kg
Shipping Dimensions (W x D x H)	530 x 400 x 355 mm
Shipping Weight (without rotor)	24.0 kg
Environment	For indoor use only

Accessories

	Order No.	30692838			
	Description	Rotor, Angle, 6 x 15 mL FC2000			
	Max. Speed	6,000 rpm			
	Max. RCF	3,660 x g			

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Rotor, Angle, 6 x 15 mL	15 mL	17 mm	Vacutainer/Round Bottom/Conical Bottom	6

	Order No.	30694907			
	Description	Rotor, Angle, 12 x 15 mL FC2000			
	Max. Speed	5,000 rpm			
	Max. RCF	3,080 x g			

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Rotor, Angle, 12 x 15 mL	15 mL	17 mm	Vacutainer/Round Bottom/Conical Bottom	12

	Order No.	30694811			
	Description	Rotor, Angle, 6 x 50 mL FC2000			
	Max. Speed	5,000 rpm			
	Max. RCF	2,850 x g			

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Rotor, Angle, 6 x 50 mL	50 mL	28 mm	Round Bottom/Conical Bottom	6

	Order No.	30694814			
	Description	Rotor, Angle, 6 x 100 mL FC2000			
	Max. Speed	5,000 rpm			
	Max. RCF	3,130 x g			

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Rotor, Angle, 6 x 100 mL	100 mL	41.5 mm	Round Bottom/Conical Bottom	6

	Order No.	30692865			
	Description	Swing out, Rotor, 6 x 10 mL FC2000			
	Max. Speed	4,000 rpm			
	Max. RCF	2,200 x g			

Order No.	Description	Vol./Tube	Diameter	Tube type	No.of tubes/rotor
Without Adapter	Swing out, Rotor, 6 x 10 mL	10 mL	16 mm	Vacutainer/Round Bottom/Conical Bottom	6

Compliance

- **Product Safety:** IEC/EN 61010-1, IEC/EN 61010-2-020
- **Electromagnetic Compatibility:** IEC/EN 61326-1 FCC Part 15 Class B, Basic environments
- **Compliance Marks:** CE

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

