



# FRONTIER™ 5706

Multi Centrifuges



## ***Reliable and Compact Multi-Function Centrifuges for Standard Life Science Separation Applications***

Frontier 5706 is a small benchtop multi-function centrifuge ideal for a multitude of spin-down applications. Characterized by reliability, various safety features, the ability to accommodate test tubes of various sizes and intuitive operation, Frontier 5706 was built to meet the basic need for liquid separation in the life sciences.

### ***Unique Features:***


- With an easy-to-turn control knob, a large LCD display and the capabilities to set and view both speed in rpm and g-force, enjoy precise results and enhanced functionality with extremely simple operation.
- Frontier 5706 can accommodate all standard tube sizes from 1.5 ml to 50 ml, providing centrifugation for a wide variety of applications. It also has a large capacity, and can hold six 50 ml tubes or twelve 15 ml tubes during one process.
- Among Frontier 5706's safety attributes are sturdy mechanical lid with locking system and a rotor imbalance sensor that stops the centrifuge if the rotors become imbalanced or sudden shock occurs, protecting the operator from being injured by the high-speed spinning rotors.

# FRONTIER™ 5706 Rotors & Accessories

	Order No.	30130877
	Description	Rotor Angle 12 x 15 ml RB/FA
	Comparable to	FC5706
	Max. Speed	6,000 rpm
	Max. RCF	4,427 x g

### Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 12 x 15 ml RB/FA	15 ml	17 mm	Round Bottom/ Conical Bottom	12
30211180	Adapter 1 x 9-10 ml D16 mm Vac/Sar 2/pk	9-10 ml	16 mm	Vacutainer®/ Sarstedt®	12
30130889	Adapter 1 x 7 ml D13 mm Vac/Sar 2/pk	7 ml	13 mm	Round Bottom/ Vacutainer®/ Sarstedt®	12
30130890	Adapter 1 x 5 ml D13 mm Vac/Sar 2/pk	5 ml	13 mm	Round Bottom/ Vacutainer®/ Sarstedt®	12
30130886	Adapter 1 x 1.5/2.0 ml D11mm 6/pk	1.5/2.0 ml	6 mm	Microtube	12

	Order No.	30130878
	Description	Rotor Angle 6 x 50 ml RB/FA
	Comparable to	FC5706
	Max. Speed	6,000 rpm
	Max. RCF	4,427 x g

### Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
Without Adapter	Rotor Angle 6 x 50 ml RB/FA	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
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

	Order No.	30130880
	Description	Rotor Swing Out 6 x 5 ml RB
	Comparable to	FC5706
	Max. Speed	4,000 rpm
	Max. RCF	1,878 x g

### Accessories

Order No.	Description	Vol./Tube	Diameter	Tube Type	No.of Tubes/Rotor
30130895	Buckets For 30130880 2/pk*	5 ml	13 mm	Round Bottom/ Vacutainer®/ Sarstedt®	8

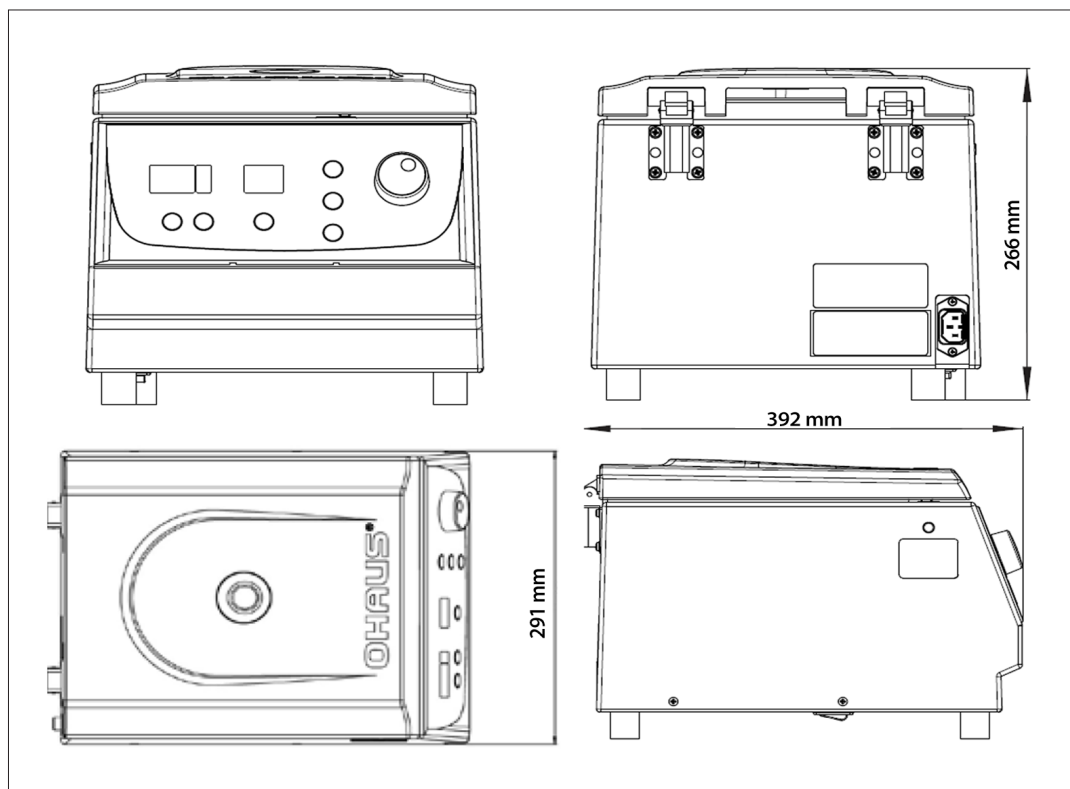
\*Buckets included

# FRONTIER™ 5706 Rotors & Accessories

## Specifications

Model	FC5706	
Speed Range	200 rpm – 6000 rpm; 50 rpm/increments	
Maximum RCF	4,427x g; 10 x g/increments	
Maximum Capacity (Rotor)	6 x 50 ml	
Temperature Range	Air Cooled	
Running Time	10 sec to 99 hr 99 min 99 sec or Continuous	
Noise Level	≤ 60 +2 dB(A)	
Acc/Dec Levels	10/10	
Allowable Density at Maximum Speed	1.2 kg/dm <sup>3</sup>	
Allowable Kinetic Energy	1,429 Nm	
AC Power	230 V/50-60 Hz	120 V/50-60 Hz
Voltage Fluctuation	± 10 %	
Current Consumption	0.55 A	1.1 A
Power Consumption	100 W	
Dimensions (W x D x H)	11.5 x 15.4 x 10.5 in / 291 x 392 x 266 mm	
Net Weight (without rotor)	23 lb / 23 kg	
Shipping Dimensions (W x D x H)	15.7 x 21.5 x 16.1 in / 400 x 545 x 410 mm	
Shipping Weight (without rotor)	33 lb / 15 kg	
Environment	For indoor use only	

## Outline Dimensions



## Compliance

- **Product Safety:** IEC/EN 61010-1; IEC/EN 61010-2-020
- **Electromagnetic Compatibility:** IEC/EN 61326-1 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.*

