

PowerSpin™ Centrifuges, FX / LX

PowerSpin™ Centrifuges, Models FX and LX

UNICO® PowerSpin™ Series tabletop centrifuges are compact, economical, reliable and quiet. The UNICO fixed speed PowerSpin™ FX model spins at 3400 RPM, while the variable speed LX spins at 300-4000 RPM, insuring a clean, complete separation of cellular components yielding a superior serum or plasma specimen. The LX models (C856 and C858) meet CLIA recommendations for accurate speed control; it is simply the most economical model on the market to help your lab pass CLIA inspections.

Specifications:

- Standard 6 or 8 place rotor for 2 to 10 ml tubes
- Adapters for 2 ml or 4-7 ml tubes (part # C800-04 & C800-03)
- 0-30 minute timer with bell tone signal
- Quiet at full speed, only 58 decibels
- Latching lid with safety switch triggered to shut-off power to the motor when the lid is opened
- Stainless Steel rotor chamber is easily accessible for cleaning and disinfection
- Maintenance-free brushless motors
- Suction cup rubber feet for stability while reducing vibration
- Lid window for strobe tachometer RPM check
- One Year Limited Warranty

Item No.	Description
C806	FX, 6 Place Fixed Speed Centrifuge, 3400 rpm
C808	FX, 8 Place Fixed Speed Centrifuge, 3400 rpm
C856	LX, 6 Place Variable Speed Centrifuge, 300 - 4000 rpm
C856E	LX, 6 Place, same as above, 220V
C858	LX, 8 Place Variable Speed Centrifuge, 300 - 4000 rpm
C858E	LX, 8 Place, same as above, 220V
C800-01	8 Place Rotor for PowerSpin Centrifuges
C800-02	Tube Shield, Pkg. of 2
C800-03	Short Tube Adapters, for 4-7 ml tubes, Pk/10
C800-04	Small Tube adapters, for 2 ml tubes, Pk/2
C800-10	Fuse for PowerSpin Centrifuges

PowerSpin™ Model	FX C806 / C808		LX C856 / C858	
	RPM	RCF	RPM	RCF
Rotor radius	102 mm		102 mm	
Fecal	N/A		1400	224
Time			10 minutes	
Urine	N/A		2000	456
Time			5 minutes	
Blood	3400	1320	3100/4000	1097/1828
Time	10-15 minutes		10 minutes	

RPM = Revolutions Per Minute
 RCF = Relative Centrifugal Force (also known as "G-Force")
 Centrifuge RCF Calculation: $RCF = 1.12 \times R(\text{mm}) \times K \text{rpm} \times K \text{rpm}$
 R: Centrifuge rotor radius (mm)
 Krpm: Centrifuge speed in thousands
 Example: If rotor radius is 102mm, speed is 3.4Krpm (3400rpm),
 then $RCF = 1.12 \times 102 \times 3.4 \times 3.4 = 1320g$



LX Color Coded Quick Speed setting reference:

- Brown Fecal
- Yellow Urine
- Red Blood

C856 Model LX Centrifuge

Actual Size: 10.2" x 11.8" x 8"
 Shipping Dimension: 13.4" x 14.8" x 10.6"
 Net Weight: 15 lbs
 Shipping Weight: 18 lbs



C806 Model FX Centrifuge



- A. C800-03 Short Tube Adapters
- B. C800-04 Small Tube Adapters

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