

## PowerSpin™ Centrifuge, BX



**C881**

The BX is a versatile, state of the art variable-speed centrifuge series with three rotor options.

Options are:

- Blood/Urine Tube, 2-12 ml Rotor: Max Speed = 5,000 RPM
- Microhematocrit/Capillary Tube Rotor: Max Speed = 11,000 RPM
- Microcentrifuge Tube, 0.5-3 ml Rotor: Max Speed = 13,000 RPM

Your BX can be a dedicated centrifuge with any one of the rotors, or a versatile addition to your lab with up to three interchangeable rotors with speeds from 1,000 – 13,000 RPM.

BX Centrifuges have advanced safety features such as a Zero RPM lid latch control system (which makes sure the lid can not be opened if the rotor is spinning), a stainless steel rotor chamber, Auto-unbalance detection and shut-down (will shut-down the motor if an off-balance condition is detected). With three interchangeable rotors, the centrifuge features ARD (Automatic Rotor Detection), the unit can automatically tell which of the three rotors are loaded. This is an important safety feature as each of the three rotors has a different maximum speed.

The Microhematocrit rotor features a Tube Reader built-into the rotor lid. This makes reading crit values quick and easy after your run, without having to remove the tubes and place them in a reader, or on a reader-card, etc. The standard Blood & Urine tube rotor fits 7.5 – 12 ml tubes and will not accept 15 ml tubes. With adapters shown below, you can spin 0.5 – 3 ml tubes (C800-04), or 3.5 – 6.5 ml tubes (C800-03).

### Specifications:

- Variable speed up to 13000 RPM (up to 5000 RPM on C881)
- Zero RPM Safety Lock and Rotor Unbalance Sensor
- Automatic Rotor recognition
- Digital Timer 0-99 minutes
- Maintenance free brushless motor
- Exterior is chemical resistant and easy to clean and disinfect
- Lid window for strobe tachometer RPM check
- Standard 115V/60Hz; (220V/50Hz option available)
- One Year Limited Warranty



Digital LCD display and push button control panel are designed to give the user complete control throughout the spin cycle.

- The "Open" button is disengaged while the rotor is in motion
- LCD mode button will adjust displayed data according to your preferences

Item No.	Description
C881M	BX, 8 Place Fixed Angle Metal Rotor Centrifuge
C881ME	BX, 8 Place, Fixed Angle Metal Rotor Centrifuge, 220V
C882	BX, 24 Place Hematocrit Centrifuge
C882E	BX, 24 Place Hematocrit, same as above, 220V
C883	BX, 24 Place Micro-Tube Centrifuge
C883E	BX, 24 Place Micro-Tube, same as above, 220V
C884	BX, 8 Place Tube rotor & 24 Place Microhematocrit
C884E	BX, 8 Place Tube rotor & 24 Place Microhematocrit, 220V
C885	BX, All three available rotors, 110V
C885E	BX, All three available rotors, 220V
C886	BX, 24 Place Microhematocrit & 24 Place Microcentrifuge
C886E	BX, 24 Place Microhematocrit & 24 Place Microcentrifuge, 220V
C887	BX, 8 Place Tube rotor & 24 Place Microcentrifuge
C887E	BX, 8 Place Tube rotor & 24 Place Microcentrifuge, 220V
C881-03	Short Tube Adapters, for 4-7 ml tubes, Pk/10
C881-04	Small Tube adapters, for 2 ml tubes, Pk/2
C800-34	Adapters for four Microhematocrit tubes, Pk/2
C8600-34	Adapters for four Microhematocrit tubes, Pk/2
C800-512	12 ml Conical Urine Tube, 16 x 100 mm, Pk/12
C800-550	12 ml Conical Urine Tube, 16 x 100 mm, Pk/50
C800-500	12 ml Conical Urine Tube, 16 x 100 mm, Pk/500

PowerSpin™ Model	BX C881		BX C882		BX C883	
Rotor radius	92 mm		86 mm		82 mm	
	RPM	RCF	RPM	RCF	RPM	RCF
Fecal Speed	1600	263				
Fecal Time	10 minutes		N/A		N/A	
Urine Speed	2000	411			2300	485
Urine Time	5 minutes		N/A		5 minutes	
Blood Speed	5000	2570	11,000	11,634	13,000	15,495
Blood Time	4 minutes		5 minutes		5 minutes	

RPM = Revolutions Per Minute

RCF = Relative Centrifugal Force (also known as "G-Force")

## PowerSpin™ Centrifuge, BX

**BX Versatility: New Microhematocrit Tube Adapters:** We have developed several microhematocrit tube adapters that can be used with the Blood & Urine Tube Rotor, making a single rotor much more versatile and eliminating the need to purchase an additional rotor, or change rotors. Both New C800-34 and C8600-34 Adapters come in a Pkg/2 adapters, each and each adapter holds up to 4 MH tubes. The Blood & Urine rotor runs at a max of 5,000 RPM, much slower than traditional microhematocrit rotors with a 5 min. run. With our adapters, at 5,000 RPM, you can achieve a complete microhematocrit separation in an 8 min. run.

The BX's large digital display continuously shows three parameters in real-time: Speed (RPM), g-Force (RCF) and Time – how much time is left in the run. A unique feature allows the user to select which of these three parameters to display in an extra large font, for quick and easy viewing.

BX's feature maintenance-free brushless motors and a lid window for tachometer calibration checks. An intuitive button panel is quick and easy to use.

### BX Rotors and Acrylic Rotor Rack

Select from three rotor options for your BX centrifuge. For your convenience, we designed the C880-10 BX Rotor Rack to store all three rotors, the rotor changing tool and all your accessories. This rack can sit bench-top next to the BX, or can be wall-mounted, whichever works best for your lab. Also includes 18-place Tube Holdster™ for any size tube from 2-15ml.

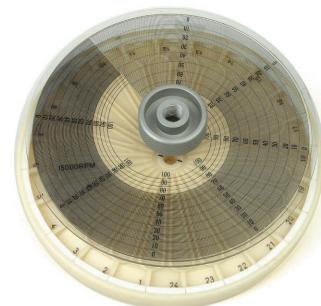
Item No.	Description
C880-01M	Metal, 6-Place Blood/Urine Tube Rotor
C880-02	24-Place Microhematocrit Rotor
C880-03	24-Place Microcentrifuge Rotor
C880-10	BX Rotor Rack with Tube Holdster™



The BX Acrylic Rotor Rack organizes your rotors, rotor changing tool, and accessories all in one compact unit.



24 place rotor for 0.5 to 3ml Micro tubes



24 place rotor for capillary Microhematocrit tubes. Hematocrit Reader incorporated into the cover



6 place Blood/Urine Tube Rotor (accepts maximum 12 ml urine tubes)

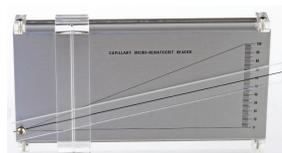
### CMH30 Microhematocrit Centrifuge

Model CMH30 is made of formed metal and has a baked paint application that is acid and reagent resistant. A safety switch built into the handle assembly disconnects the power to the motor whenever the latch is lifted. The brushed motor is mounted on rubber mounts to provide quiet running and dampen vibration.

#### Specifications:

- Twenty-four (24) place rotor with replaceable rubber ring and screw down metal lid
- Includes Microhematocrit Tube Reader
- Nominal speed is 12,000 RPM
- Dependable mechanical 5-minute timer with bell signal at end of run
- All metal housing for years of dependable use
- Safety switch in latch shuts off motor when lid is lifted
- Electric motor braking
- Indicator light tells when unit is in use
- Standard 115V/60Hz AC
- One Year Limited Warranty

Item No.	Description
CMH30	Microhematocrit Centrifuge, 24 Place, 110V
CMH30E	Microhematocrit Centrifuge, 24 Place, 220V
CMH30-Reader	Microhematocrit Tube Reader



Microhematocrit Tube Reader included with CMH30



CMH30 Centrifuge

Actual Size: 11.6" x 10.3" x 9.3"  
 Shipping Dim.: 12.7" x 12.7" x 12.2"  
 Net Weight: 17.4 lbs  
 Shipping Weight: 19.4 lbs