

## CENTRIFUGES

### E-C4.5-8.15CD/P



Eins-Sci E-C4.5-8.15CP Clinical Centrifuge

The Eins-Sci E-C4.5-8.15CP Clinical Pro Centrifuge has a maximum speed of 4500 rpm with a maximum RCF of 2490 x g and an automatic door locking system. A variety of tubes can be used in this centrifuge including 8 x 15 ml cell culture tubes or 12 x collection tubes which is perfect for clinical laboratories. Due to the microprocessor controller, the E-C4.5-8.15CP provides precise parameter control of RPM and RCF while offering easy to read parameters on the LCD. With the addition of a timer between 30 seconds and 99 minutes, it is possible to produce accurate results and is ideal for separation of urea, serum, plasma or blood samples in hospitals, clinical and research laboratories.

## FEATURES

### E-C4.5-8.15C Series

- Max RCF 2490 x g
- Max Rotor Capacity is 8 x 15ml or 12 x 10ml/7ml/5ml Vacutainers
- Timer is initiated once the centrifuge has reached the set speed to optimize operation
- Operating parameters can be adjusted after the set speed has been attained
- Sound alert at the end of a timed cycle
- Excellent speed accuracy and exceptional performance
- Fast, efficient and smooth acceleration and braking
- Smooth, quiet and stable operation due to superior rotor and shaft balance
- Adapters and plugs included for various tube sizes
- 1 Year Warranty



Eins-Sci E-C4.5-8.15CP Centrifuge

## E-C4.5-8.15CD

- Adjustable speed between 500 and 4500rpm
- Easy to read LED display
- Continuous or Timed Operation between 1 second and 99 minutes
- DC Motor for durability and longevity
- Digitally controlled speed
- RPM can be adjusted, set and displayed on an LED display
- Manual Door Interlock



Eins-Sci E-C4.5-8.15CP Control Panel

## E-C4.5-8.15CP

- Adjustable speed between 300 and 4500rpm
- Easy to read backlit LCD display
- Continuous or Timed Operation between 30 seconds and 99 minutes
- Brushless DC Motor with accurate speed control for maintenance free use
- RPM or RCF can be adjusted, set and displayed on the LCD
- Automatic Electric Door Interlock, releases when operation is complete
- Pressing or holding the PULSE button allows for quick spins OR pulse acceleration to target speed
- Microprocessor controlled parameters including speed and time



## Safety Features and Standards

- The E-C4.5-8.15CP conforms to international safety standards and regulations including CE, cTUVus and FCC. MCA Explosion proof and bio-safe testing has been performed in accordance with IEC/EN61010-2-20.
- The E-C4.5-8.15CP passed the EN61010-2-101:2002 specific requirements for In Vitro Diagnostic (IVDs) medical equipment
- High Strength Plastic Rotor for superior strength and safety
- Safe operation due to the dual protection casings





## SPECIFICATIONS



Specifications	E-C4.5-8.15CD	E-C4.5-8.15CP
Speed Range [rpm]	500 - 4500	300 - 4500
Speed Increment [rpm]	100	100
Max RCF [x g]	2490	2490
Max Tube Capacity	8 x 15 ml	8 x 15 ml
No. of Rotor Types	1	1
Door Interlock	Manual	Automatic / Electric
Acceleration Time [sec]	40	20
Braking Time [sec]	50	20
RCF Display	No	Yes
Speed Display	LED	LCD
Speed Display Accuracy [rpm]	±100	±20
Timer	Yes	Yes
Timer Display	LED	LCD
Time Setting Range	1 sec – 99 min	30 sec – 99 min
Operation Type	Continuous / Timed	Continuous / Timed
Motor Drive	DC	Brushless DC
Over Speed Detection	Yes	Yes
Dimensions [W x H x D] (mm)	245 x 140 x 255	245 x 140 x 255
Weight [kg]	6	6
Housing Material	ABS	ABS
Rotor Material	High Strength Plastic	High Strength Plastic
Tube Adapter Material	ABS	ABS
Noise at Max Speed [dBA]	56	56
Permissible Ambient Temperature [°C]	2 - 40	2 - 40
Permissible Relative Humidity [%]	80	80
Power [W]	650	650
Voltage [VAC]	110 - 240	110 - 240
Frequency [Hz]	50/60	50/60

## ACCESSORIES



Accessory	Specifications
E-CFR-8.15C	Plastic Rotor, Max: 4500rpm, 8 x 15ml, used with E-C4.5-8.15CD and E-C4.5-8.15CP
E-CRA-8.15C-U	Tube Adapter, used with E-CFR-8.15C, 12pcs/pk
E-CPLUG-8.15C	Tube Adpater Plug for E-CRA-8.15C

