

The Eins-Sci multi-purpose low speed centrifuges (E-C4-8.15CD, E-C4.5-8.15CP, E-C4.5-8.15CSP) are versatile and can be used in applications from clinical to biochemical for qualitative analysis of serum, plasma, blood, buffy coat and urine. Featuring maintenance free brushless DC motors and automatic internal diagnostics, they are easy to use with an intuitive menu and easy-to-read display. Included is a versatile high strength plastic rotor (E-CFR-8.15C) with excellent balance to guarantee stable operation.

E-C4-8.15CD

Digital Clinical Centrifuge

Features

- Max speed is 4000rpm
- Manual door lock
- 3 customizable preloaded programs for efficient operation (Blood, Urine & Faecal)
- Includes E-CFR-8.15C rotor and adapters



Specifications	E-CFR-8.15C
Type	Fixed angle rotor
Max. speed	4500rpm
Max. RCF	2490xg
Capacity	8 x 15ml or 12 x 10ml
Rotor angle	49°
Rotor material	High strength plastic
Included adapters	18 x E-CRA-8.15C-U 18 x E-CPLUG-8.15C

E-C4.5-8.15CP

Advanced Clinical Centrifuge

Features

- Max speed is 4500rpm
- Speed can be set in RPM/RCF
- Quick spin function by pressing and holding the PULSE key
- Electronic door lock with automatic release function
- Gentle braking at low speeds with efficient separation
- Includes E-CFR-8.15C rotor and adapters



Volume	2.7-3ml	7.5-8.2ml	1.5-5ml	4-7ml		8.5-10ml	15ml
Type	EU collection tubes			Blood collection tubes (vacutainers)			Conical
Ø × L mm	11 x 66	15 x 92	13 x 75	16 x 75	13 x 100	16 x 107	17 x 120
Tube							
Tubes per rotor	12	12	12	12	12	12	8
Adapter Picture				-		-	-
Adapter	E-CPLUG-8.15C + E-CRA-8.15C-U	E-CRA-8.15C-U	E-CPLUG-8.15C + E-CRA-8.15C-U	-	E-CRA-8.15C-U	-	-
Max. RCF @4500rpm	2218xg	2490xg	2218xg	2218xg	2490xg	2490xg	2490xg

NOTE: The specifications for the E-C4-8.15CD, E-C4.5-8.15CP and E-C4.5-8.15CSP are in the table on the next page.

E-C4.5-8.15CSP

PRP, PRF, CGF Centrifuge

The E-C4.5-8.15CSP is designed for specialized applications including platelet-rich plasma (PRP), platelet-rich fibrin (PRF) & concentrated growth factor (CGF). It is ideal for sample prep in dental, orthopedic, aesthetic surgery, oral surgery etc.

Features

- 3 customizable preloaded programs for efficient operation (PRP, PRF, CGF)
- Max speed is 4500rpm
- Speed can be set in RPM/RCF
- 9 programs with 6 steps each can be customized and stored in the memory
- Electronic door lock with automatic release function
- Powerful CPU with LCD display for easy operation of speed, time, cycle steps and all other parameters with sound alert
- Passed EN61010-2-101: 2002 particular requirements for In-vitro diagnostic (IVD) medical equipment
- Includes E-CFR-8.15C rotor and adapters, detailed tube sizes can be seen in the table on the previous page



Specifications	E-C4-8.15CD	E-C4.5-8.15CP	E-C4.5-8.15CSP
Speed range	300-4000rpm, increment: 100rpm	300-4500rpm, increment: 100rpm	300-4500rpm, increment: 10rpm
Max. RCF	1900×g (not settable)	2490×g, increment: 100g	2490×g, increment: 10g
Speed accuracy	±100rpm	±20rpm	±10rpm
Rotor	E-CFR-8.15C (8x15ml or 12x10ml)	E-CFR-8.15C (8x15ml or 12x10ml)	E-CFR-8.15C (8x15ml or 12x10ml)
Run time	1-99min, HOLD [Continuous]	30sec-99min, HOLD [Continuous]	30sec-99min, HOLD [Continuous]
Door lock	Manual	Electronic	Electronic
Motor	Brushless DC	Brushless DC	Brushless DC
Display	LED	LCD	LCD
Preloaded programs	Blood: 3200rpm, 10min Urine: 1800rpm, 5min Faecal: 1300rpm, 10min	-	PRP PRF CGF
Program storage capacity	-	-	9 (with 6 steps in each)
Safety device	Automatic internal diagnosis	Door interlock, Over speed detector Automatic internal diagnosis	Door interlock, Over speed detector Automatic internal diagnosis
Acceleration/Deceleration	25s↑ 35s↓	20s↑ 13s↓	40s↑ 45s↓
Power requirements	Single phase, 100V-240V, 50Hz/60Hz, 85W	Single phase, 100V-240V, 50Hz/60Hz, 70W	Single phase, 100V-240V, 50Hz/60Hz, 70W
Dimensions [W x D x H]	286 x 367 x 227mm	301 x 354 x 217mm	301 x 354 x 217mm
Weight	9.2kg	6kg	6kg
Certification	CE, cTÜVus	CE, cTÜVus	CE, cTÜVus, IVD
Noise	≤60dB(A)	≤56dB(A)	≤56dB(A)
Max Tube Height	-	120mm	130mm
Advanced features	-	Speed/RCF switch PULSE: Short-time run function Sound-alert function	Speed/RCF switch Sound-alert function Cycles can have 6 steps

NOTE: The tube dimensions on the previous page are purely an indication as tube types and sizes vary.