

E-C4-4.50CP

Swing-Out Clinical Centrifuge

Features

- Max. speed is 4000rpm
- Switch between RPM and RCF
- Quiet and compact with an LCD display
- Maximum capacity is 4 x 50mL, accommodating different tubes including 15ml, 3-10ml vacutainers and 1.5-2ml cryovials / micro tubes depending on the adapters used
- 3 customizable routine programs (Blood, Urine & Faecal)
- 3 levels of acceleration and 4 levels of deceleration
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor
- Optional fixed angle or swing out rotors
- Includes the E-CSR-4.50 swing out rotor



Applications

The Eins-Sci E-C4-4.50CP is a highly adaptable, multi-purpose low-speed centrifuge suitable for a wide range of applications. Specifically designed for qualitative analysis of serum, plasma, blood, and urine samples, it can also be utilized in various fields such as clinical and biochemical.

Included Accessories

Code	E-CSR-4.50	E-CRA-15A5	E-CRA-50A15C
Rotor / Adapter			
Type / Capacity	Rotor, 4 x 50ml	Adapter, 15 to 5ml	Adapter, 50 to 5ml
Included	1 rotor	4 pcs	4 pcs

Specifications	E-C4-4.50CP
Speed range	500-4000rpm, increment: 100rpm
Max. RCF	2500×g
Speed accuracy	±100rpm
Run time	1-99min, HD [Continuous running]
Rotor options	4 x 50mL swing-out, 6 x 15mL swing-out, 24 x 15mL fixed angle
Door lock	Electronic
Motor	Brushless DC
Display	LCD
Preloaded programs	Blood: 3200rpm, 10min Urine: 1800rpm, 5min Faecal: 1300rpm, 10min
Safety device	Door interlock, Automatic internal diagnosis
Acceleration/Deceleration	3+4+ steps
Power requirements	Single phase, 100V-240V, 50Hz/60Hz, 110W
Dimensions [W x D x H]	364 x 440 x 268mm
Weight	14.5kg
Noise	≤62dB (A)
Certification	CE cTÜVus
Advanced features	Speed/RCF switch, Sound-alert function

E-C4-4.50CP Rotors

Specifications	E-CSR-4.50
Type	Swing-out rotor
Max. speed	4000rpm
Max. RCF	2500xg
Capacity	4 x 50ml
Rotor material	Aluminium
Bucket lids	No
Included adapters	4 x E-CRA-50A15C 4 x E-CRA-15A5



Volume	1.5-2ml	1.5-2ml	3-7ml		10ml	15ml	50ml
Type	Cryovial	Micro tube	Blood collection tubes (vacutainers)			Conical	Conical
Ø x L (mm)	11.8 x 48	11 x 42	13 x 75	13 x 100	16 x 107	17 x 120	29.5 x 116
Tube							
Tubes per bucket	1	1	1	1	1	1	1
Tubes per rotor	4	4	4	4	4	4	4
Adapter picture							-
Adapter	E-CRA-50A15C + E-CRA-15A2CRY		E-CRA-50A15C + E-CRA-15A5		E-CRA-50A15C		-
Max. RCF	1632xg	1632xg	2079xg	2500xg	2500xg	2500xg	2500xg

Specifications	E-CSR-6.15
Type	Swing-out rotor
Max. speed	4000rpm
Max. RCF	2500xg
Capacity	6 x 15ml
Rotor material	Aluminium
Bucket lids	No
Included adapters	6 x E-CRA-15 6 x E-CRA-15A5



Volume	1.5-2ml	1.5-2ml	3-7ml		10ml	15ml
Type	Cryovials	Micro tube	Blood collection tubes (vacutainers)			Conical
Ø x L (mm)	11.8 x 48	11 x 42	13 x 75	13 x 100	16 x 107	17 x 120
Tube						
Tubes per bucket	1	1	1	1	1	1
Tubes per rotor	6	6	6	6	6	6
Adapter picture						
Adapter	E-CRA-15A2CRY + E-CRA-15		E-CRA-15A5 + E-CRA-15		E-CRA-15	
Max. RCF	1428xg	1428xg	1875xg	2500xg	2500xg	2500xg

NOTE: The tube dimensions are purely an indication as tube types and sizes vary.

E-C4-4.50CP Rotors

Specifications	E-CFR-24.15P
Type	Fixed angle rotor
Max. speed	4000rpm
Max. RCF	2300xg
Capacity	24 x 15ml
Rotor angle	45°
Rotor material	Nylon
Bio-sealing	No
Included adapters	24 x E-CRA-15 24 x E-CRA-15A5



Volume	1.5-2ml	1.5-2ml	3-7ml		10ml	15ml
Type	Cryovials	Micro tube	Blood collection tubes (vacutainers)			Conical
Ø × L (mm)	11.8 x 48	11 x 42	13 x 75	13 x 100	16 x 107	17 x 120
Tube						
Tubes per rotor	24	24	24	24	24	24
Adapter picture						
Adapter	E-CRA-15A2CRY + E-CRA-15		E-CRA-15A5 + E-CRA-15		E-CRA-15	
Max. RCF	679xg	679xg	1126xg	2300xg	2300xg	2300xg

E-C4-4.50CP Tube Adapters

Code	E-CRA-15A2CRY	E-CRA-15A5	E-CRA-15	E-CRA-50A15C
Adapter				
Type / Capacity	Adapter, 15 to 1.5/2ml	Adapter, 15 to 5ml	Adapter, 15ml	Adapter, 50 to 15ml
Rotors	E-CSR-4.50 E-CSR-6.15 E-CFR-24.15P	E-CSR-4.50 E-CSR-6.15 E-CFR-24.15P	E-CSR-6.15 E-CFR-24.15P	E-CSR-4.50
Material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Packet size	24 pcs/pk	24 pcs/pk	24 pcs/pk	4 pcs/pk

