

E-C6-4.100CP

Swing-Out Clinical Centrifuge

Features

- Maximum capacity of 4 x 100mL, accommodating a wide variety of different size tubes including blood collection tubes
- Speed range from 300-6000 rpm, rotor dependent
- 9 customizable programs can be stored in the memory for fast and efficient operation
- Acceleration / Deceleration can be set in 9 / 10 steps respectively to ensure optimal separation
- Pulse Key for quick spin
- Convenient wide range of optional rotors (fixed angle / swing-out), buckets and adapters available. See rotor options on the following pages
- Includes the E-CSR-4.100 + E-CRA-4.100 swing out rotor and buckets (max. speed: 4000 rpm)



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Automatic Rotor Identification helps to ensure the correct maximum speed for a specific rotor is used.



Specifications	E-C6-4.100CP
Speed range	300-6000rpm, increment: 10rpm
Max. RCF	4100×g
Speed accuracy	±20rpm
Run time	30sec-99min, HD [Continuous running]
Rotor options	Swing-Out (4 x 100mL or 8 x Microplates) Fixed Angle Bio-Sealed (30 x 2mL or 6 x 50ml / 6 x 15mL or 18 x 5mL or 12 x 8 PCR Strips) Fixed Angle (30 x 15mL or 8 x 50mL / 16 x 15mL)
Door lock	Electronic
Motor	Brushless DC
Display	LCD
Program storage capacity	9
Safety device	Door interlock, Imbalance protection, Over speed and over temperature detection
Acceleration/Deceleration	9+10+ Steps
Power requirements	Single phase, 220V-240V, 50Hz/60Hz, 660W
Dimensions [W x D x H]	445 x 570 x 295mm
Weight	36kg
Noise	≤65dB
Certification	CE
Advanced features	Speed/RCF switch, Rotor identification, PULSE: Short-time run function, Sound-alert function

Applications

The multi-purpose clinical centrifuge is an exceptional tool for a wide range of applications including chemistry, cytology, research laboratories, and industrial laboratories. The Eins-Sci E-C6-4.100CP is also the ideal solution for conducting research, performing diagnostic tests with capped urine tubes / blood vacutainers, or analyzing industrial samples.

Included Accessories

Code	E-CSR-4.100	E-CRA-4.100	E-CRA-100A7	E-CRA-100A15	E-CRA-85A50	E-CRA-100A85
Rotor / Adapter						
Type / Capacity	Swing-Out Rotor	Buckets, 4 x 100ml	Adapter, 4 x 100ml to 20 x 7ml	Adapter, 4 x 100ml to 8 x 15ml	Adapter, 4 x 85ml to 4 x 50ml	Adapter, 4 x 100ml to 4 x 85ml
Included	1 rotor	1 set (4 pcs)	4 pcs of each in E-CRA-4.100			

E-C6-4.100CP Swing-Out Rotors



Specifications	E-CSR-4.100 + E-CRA-4.100
Type	Swing-out rotor
Max. speed	4000rpm
Max. RCF	2950xg
Capacity	4 x 100ml
Rotor material	Stainless Steel
Bucket lids	No
Included adapters	4 x E-CRA-100A85, 4 x E-CRA-85A50 4 x E-CRA-100A15, 4 x E-CRA-100A7

Volume	3-7ml		10ml	12ml	15ml	50ml	3-7ml		10ml	15ml	50ml	85ml	100ml
Type	Blood Tube			Conical or Round			Blood Tube		Conical	Conical or Round			
ØxL (mm)	13x75	13x100	16x107	17x105	17x120	29.5x116	13x75	13x100	16x107	17x120	29.5x116	38x104	38x108
Tube													
Tubes per bucket	9	9	4	4	4	2	5	5	2	2	1	1	1
Tubes per rotor	36	36	16	16	16	8	20	20	8	8	4	4	4
Adapter Picture													
Adapter	E-CRA-4.100-7 + plug	E-CRA-4.100-7	E-CRA-4.100-15			E-CRA-4.100-50 + E-CRA-15RAV	E-CRA-4.100 + E-CRA-100A7		E-CRA-4.100 + E-CRA-100A15		E-CRA-4.100 + E-CRA-100A85 + E-CRA-85A50	E-CRA-4.100 + E-CRA-100A85	E-CRA-4.100
Included	No		No			No	Yes						
Max. RCF	2500xg	2950xg	2840xg	2840xg	2840xg	2840xg	2630xg	2630xg	2700xg	2700xg	2840xg	2840xg	2840xg

E-CSR-2WP	Specifications	Description	Microplate / Well Plate		
	Type	Swing-out rotor	Type	384/96 PCR or ELISA	Deep Well Plate
	Max speed	4000rpm	L x W x H (mm)	128x86x15	128x86x50
	Max RCF	2200xg	Plate		
	Capacity	8 x Microplates 384/96	Plates per bucket	4	2
		4 x Deep Well Plates	Plates per rotor	8	4
	Material	Aluminium with Stainless Steel Inserts	Max. RCF	2200xg	2200xg
	Bio-sealing	No			

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

E-C6-4.100CP Fixed Angle Bio-Sealed Rotors

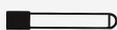
Specifications	E-CFR-30.2S
Type	Fixed angle rotor
Max speed	6000rpm
Max RCF	4020xg
Capacity	30 x 1.5-2ml
Rotor angle	45°
Material	Aluminium (Rotor & Lid)
Bio-sealing	Yes
Optional adapters	E-CRA-2A05 (24 pcs/pk) E-CRA-2A02 (24 pcs/pk)



Description	0.2ml	0.5ml	1.5-2ml
Ø × L (mm)	6.2 x 21.5	7.8 x 31	11 x 42
Tube			
Tubes per rotor	30	30	30
Adapter picture			-
Adapters	E-CRA-2A02	E-CRA-2A05	-
Max. RCF	3457xg	3738xg	4020xg

Specifications	E-CFR-6.50CS
Type	Fixed angle rotor
Max speed	6000rpm
Max RCF	4020xg
Capacity	6 x 50ml or 6 x 15ml
Rotor angle	56°
Material	Aluminium (Rotor & Lid)
Bio-sealing	Yes



Volume	7ml	10ml	15ml	50ml
Type	Blood collection tubes (vacutainers)		Conical	Conical
Ø × L (mm)	13 x 100	16 x 107	17 x 120	29.5 x 116
Tube				
Tubes per rotor	6	6	6	6
Max. RCF	4020g	4020g	4020g	4020g

E-CFR-18.5CS	Specifications	
	Type	Fixed angle rotor
	Max speed	6000rpm
	Max RCF	4020xg
	Capacity	18 x 5ml (16.5 x 59.4mm) Conical Bottom
	Rotor angle	45°
	Material	Aluminium (Rotor & Lid)
	Bio-sealing	Yes

E-CFR-12.8PCRS	Specifications	
	Type	Fixed angle rotor
	Max speed	6000rpm
	Max RCF	4020xg
	Capacity	12 x 0.2ml PCR 8 Strips 96 x 0.2ml PCR Tubes
	Rotor angle	45°
	Material	Aluminium (Rotor & Lid)
	Bio-sealing	Yes

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

E-C6-4.100CP Fixed Angle Rotors

Specifications	E-CFR-30.15
Type	Fixed angle rotor
Max speed	4500rpm
Max RCF	3210xg
Capacity	30 x 15ml
Rotor angle	53°
Material	Aluminium Body Stainless Steel Buckets
Bio-sealing	No
Optional Adapters	E-CRA-15A3 (10 pcs/pk)



Volume	1.5-5ml	4-7ml		10ml	15ml
Type	Blood collection tubes (vacutainers)				Conical
Ø × L (mm)	13 x 75	16 x 75	13 x 100	16 x 107	17 x 120
Tube					
Tubes per rotor	30	30	30	30	30
Adapter picture			-	-	-
Adapter	E-CRA-15A3	E-CRA-15A3	-	-	-
Max. RCF	1720xg	1720xg	3210xg	3210xg	3210xg

Specifications	E-CFR-8.50
Type	Fixed angle rotor
Max speed	5000rpm
Max RCF	3960xg
Capacity	8 x 50ml or 16 x 15ml
Rotor angle	53°
Material	Aluminium Body Stainless Steel Buckets
Bio-sealing	No
Included adapters	16 x E-CRA-15A3, 8 x E-CRA-50A15C
Optional adapters	E-CRA-15A3 (10 pcs/pk)



Volume	1.5-5ml	4-7ml		10ml	15ml	50ml
Type	Blood collection tubes (vacutainers)				Conical	Conical
Ø × L (mm)	13 x 75	16 x 75	13 x 100	16 x 107	17 x 120	29.5 x 116
Tube						
Tubes per rotor	24	24	24	24	24	8
Adapter picture						-
Adapter	16 x E-CRA-15A3 8 x E-CRA-50A15C	16 x E-CRA-15A3 8 x E-CRA-50A15C	8 x E-CRA-50A15C	8 x E-CRA-50A15C	8 x E-CRA-50A15C	-
Max. RCF	2124xg	2124xg	3960xg	3960xg	3960xg	3960xg

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