

The IEC Centra CL2 general-purpose benchtop centrifuge incorporates an impressive array of features that ensure safe, convenient operation and consistent results for your low-speed applications.

IEC Centra CL2

General-purpose benchtop centrifuge



Features

- Broad library of swinging bucket and fixed angle rotors and adapters
- Impressive range of speeds – up to 4,770 x g
- Small footprint requires minimal bench space
- Lightweight and easy to transport
- Sealed Aerocarrier™ adapters ensure biocontainment
- High capacity – Spin up to 28 x 5/7 mL (13 mm) blood tubes and 8 x 50 mL conicals
- User-friendly controls allow rapid time and speed adjustments
- Microprocessor-based controls ensure consistent, accurate results



Flexibility for general-purpose applications

- The IEC Centra CL2 has a range of swinging bucket and fixed angle rotors, all with an extensive series of adapters. With its broad library of accessories, the CL2 can support a wide range of applications.
- The IEC Centra CL2 can run samples at up to 4,770 x g, providing you with the separating ability you need for a range of general purpose applications.

Convenient size

- With its small footprint of only 27 cm x 34 cm (13" x 16"), the IEC Centra CL2 occupies considerably less bench space than comparable centrifuges.
- Weighing just 13 kg (29 lbs) packed, the IEC Centra CL2 makes it very easy to move the unit around your lab, or for use in field work and other applications where you may need to transport the unit frequently.

Safety and Productivity

- The convenient, lightweight Aerocarrier adapters allow samples to be removed

from the rotor and sealed and unsealed in a biosafety cabinet with screw-tight lids that can be easily manipulated with gloved hands. The adapters can be cleaned with most common disinfectants and autoclaved without risk of corrosion.

- The IEC Centra CL2 can hold up to 28 x 5/7 mL (13 mm) blood tubes and 8 x 50 mL conicals (in the 52152 rotor system). This allows you to accommodate larger batch sizes without compromising on bench space.

Powerful, intuitive interface

- The IEC Centra CL2's interface is simple to learn. Time and speed are easily adjusted with up / down keys, which can be easily pressed with gloved hands.
- The unit's microprocessor-based controls ensure accurate results.
- The IEC Centra CL2's At-Start timer, which only starts the timer once the rotor reaches its maximum speed, allows you to achieve consistent results from run-to-run, regardless of differences in rotor loading, which can result in differing acceleration / deceleration rates.

236 Aerocarrier Rotor

Cat. No.	Description	Container Volume (mL)	Capacity (rotor)	Max Speed	Max RCF
236	4 x 50 mL Aerocarrier™ Rotor, includes 4 trunnion rings	50	4	3900	1950
52367	Cell Culture Package: Includes 236 rotor, 2 pr 1 x 50 mL and 2 pr 2 x 15 mL Aerocarrier Adapters			3400	1950
52368	Blood Tube Package: Includes 236 rotor, 2 pr 7 x 5/7mL and 2 pr 9 x 3/5mL Aerocarrier Adapters			4000	3150

Aerocarrier™ Adapters for 236 Aerocarrier™ Rotor

Cat. No.	Description	Tube Dimension	No. of Tubes per Rotor	Quantity
2091S	Aerocarrier for 1 x 50 mL Falcon®/ Corning® conical	29 x 115 mm	4	2
2092S	Aerocarrier for 2 x 15 mL Falcon/Corning conical	17 x 120 mm	8	2
2092S	Aerocarrier for 2 x 12 mL urine tube	17 x 103 mm	8	2
2093S	Aerocarrier for 4 x 7-10 mL blood tube	13-16 x 100 mm	16	2
2094S	Aerocarrier for 7 x 5-7 mL blood tube	13-16 x 75 mm	28	2
2096S	Aerocarrier for 10 x 1.5 mL microtube	11 x 44 mm	40	2
2097S	Aerocarrier for 1 x 25 mL universal flat vial	29 x 95 mm	4	2
44275	Replacement o-ring for Aerocarrier Adapters			1
2098	Replacement cap for Aerocarrier Adapters			1

221 Economy Swinging Bucket Rotor

Cat. No.	Description	Container Volume (mL)	Capacity (rotor)	Max Speed	Max RCF
221	6 x 15 mL Economy Swinging Bucket Rotor (requires 50968 tapered shaft adapter)	15	6	3500	1890
52212	6 x 15 mL Economy Swinging Bucket Rotor Package: Includes 221 rotor, 303 buckets and 668 cushions	15	6	3100	1625
50968	Tapered shaft quick release adapter				

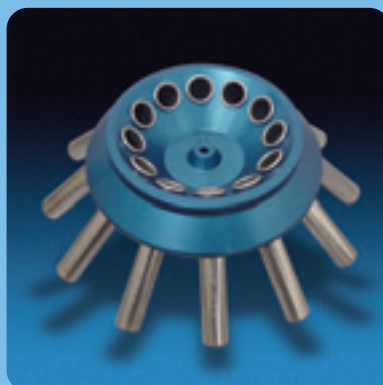
Fixed Angle Rotors*

Cat. No.	Description	Container Volume (mL)	Capacity (rotor)	Max Speed	Max RCF
801	6 x 50 mL Fixed Angle Rotor	50	6	3900	2050
58012	6 x 50 mL Fixed Angle Rotor Package: Includes 801 rotor, 305 buckets and 315 cushions	50	6	3900	2050
809	12 Place Fixed Angle Rotor	15	12	3800	2150
58092	12 x 15 mL Fixed Angle Rotor Package: Includes 809 rotor, 302 buckets and 668 cushions	15	12	3800	2150
841	12 x 1.5 / 2.0 mL rotor	1.5 x 2.0	12	8500	4675
804S	4 x 50 mL Angle Rotor Package for 50 mL and 15 mL conical tubes	50	4	4200	2270

* Order 4 x 1106 adapters for 15 mL tubes



236 Rotor



58092 Rotor



804S Rotor

215 Economy Swinging Bucket Rotor

Cat. No.	Description	Container Volume (mL)	Capacity (rotor)	Max Speed	Max RCF
215	4 x 50 mL Economy Swinging Bucket Rotor	50	4	depends on adapter	
52151	4 x 50 mL Rotor Package: Includes 325 trunnion ring, 320 buckets and 315 cushions	50	4	3350	1750
52152	8 x 50 mL Rotor Package: Includes 326 trunnion ring, 320 buckets and 315 cushions	50	8	3100	1510
52153	4 x 50 mL Sealed Rotor Package: Includes 350 trunnion ring, 323 buckets and 571 cushions	50	4	3175	1750

Ultrac Adapters

Cat. No.	Description	Tube Dimension	Quantity
7245	1 x 10 mL to 6 x 100 mL	16 x 100 mm	2
7256	1 x 7 mL to 13 x 100 mL	13 x 100 mm	2
7246	1 x 5 mL to 12 x 15 mL	12 x 75 mm	2
7248	3 x 3 mL to 10 x 1.5 mL	10 x 75 mm	2

Accessories for Economy Swinging Bucket Rotor (order each item separately)

Cat. No.	Cat. No.	Capacity	Tube	Max Size	Max Speed rpm	Max Force rcf x g	Radius
Trunnion Ring	Bucket or Carrier						
366	369	20 x 5 mL	10-12 x 75 mm	12.6 x 83 mm	5200	3350	11.1
366	1018	16 x 7 mL	13 x 75 - 100 mm	14.2 x 103 mm	4700	3150	12.8
366	1013	12 x 10 mL	16 x 75 - 100 mm	16.5 x 107 mm	4600	3025	12.8
326	320	8 x 50 mL	Falcon/Corning conical (also order 314 cushions)	30 x 116 mm	4100	2675	14.2
325	320	4 x 50 mL	Falcon/Corning conical (also order 315 cushions)	30 x 116 mm	4600	3300	14
350	323	4 x 50 mL	Falcon/Corning conical	29.4 x 120 mm	4300	3200	15.4
350	323	4 x 15 mL	Falcon/Corning conical (also order 1106 adapter and 571 cushions)	17.5 x 128 mm	4300	3200	15.4



The 215 Economy Swinging Bucket Rotor offers a variety of accessories to meet your specific application requirements.

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IEC Centra CL2 Centrifuge Specifications



Specifications

Maximum Capacity	
Swing out	400 mL (8 x 50 mL)
Fixed angle	300 mL (6 x 50 mL)
Maximum Speed	
Swing out	3,900 rpm
Fixed angle	8,500 rpm
Maximum RCF	
Swing out	2,200 x g
Fixed angle	4,675 x g
Speed set / display	
1,000 to 8,500 rpm in 100 rpm increments	
Time set / display	
5 sec to 1 min in 5 sec increments	
1 to 5 min in 15 sec increments	
5 to 30 min in 1 min increments	
Hold to 99 min 99 sec	
Timer features	
Hold, At-Speed, regular timed mode	
Display	
4 character LCD display	
Heat output	
175 Watts (600 BTU / hr)	
Noise level	
65 dBA	

Ordering Information

Product dimensions	
Height	27.5 cm / 10.75 in
Height, cover open	61 cm / 24 in
Width	34 cm / 13.25 in
Depth	40 cm / 15.75 in
Net weight	11 kg / 24 lbs
Packing dimensions	
Height	46 cm / 18 in
Width	46 cm / 18 in
Depth	41 cm / 16 in
Net weight	13 kg / 29 lbs
Catalog Number	
427	
Certifications	
CSA	
ISO 9001	
IEC 1010-2-020	

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