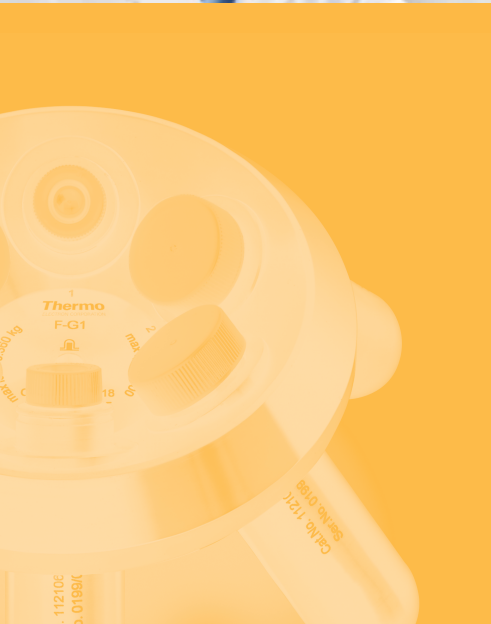




Thermo Scientific CL10 Centrifuge Series

Solid Performance, Proven Reliability

Solid Performance, Proven Reliability

The Thermo Scientific CL10 centrifuge series is the perfect solution for your low-speed clinical applications. Designed for everyday use, the CL10 offers many innovative features that make it the most complete basic centrifuge available. Its compact, space-saving design delivers reliable separations quickly and safely, making it the ideal centrifuge for small and medium laboratories and medical offices.

Fast, Efficient and Reliable

- Spin up to 16 x 5/7 mL blood tubes per run at up to 4,000 rpm (2,600 x g) for quick and efficient separations.
- Programmable centrifugation cycles allow you to choose the appropriate acceleration/ deceleration rate for each protocol.
- A microprocessor control system ensures continuous regulation of speed and time to ensure a high-quality separation.
- The superior ventilation system protects your valuable samples from heat.
- A choice of multi-purpose accessories and rotors expands the range of applications supported.

Convenient and Functional

- The user-friendly interface – with its bright, easy-to-read digital display – makes it easy to implement your protocols.
- The brushless induction drive enables quiet operation, minimizes maintenance, and avoids carbon dust for a safe and healthy working environment.
- Compact design preserves precious laboratory bench space.
- High-quality manufacturing materials ensure a long shelf life.

History of Quality and Value

- Building upon more than 100 years of experience, the CL10 centrifuge leverages our substantial expertise in laboratory equipment to provide a high-quality, user-friendly centrifuge that addresses the everyday needs of today's demanding laboratories.

Safe

- Aerosol-tight accessories, tested by CAMR* Porton Down, keep samples contained—even in the event of tube breakage – to ensure biological safety protection.
- Automatic imbalance detection disables operation to prevent accidents.
- Automatic rotor recognition prevents disallowed speeds.
- CE mark and UL/ cUL approval demonstrates compliance with the most rigorous worldwide regulations and European directives: IEC 1010-1, IEC 1010-2-020.

**CAMR is now incorporated within the UK Health Protection Agency (HPA).*

Speed and ease-of-use

- Spins swing-out rotors at 4,000 rpm; Fixed Angle up to 6,500 rpm
- Offers 1 - 99 minute timer with hold feature
- Provides digital set point and display system
- Features hard and soft braking/ acceleration

Safe, quiet operation

- Sound level never exceeds 57 dBA
- Aerosol-tight accessories are tested by CAMR Porton Down
- Includes OSHA[†]-approved safety features

[†] OSHA: Occupational Safety and Health Administration, US



Thermo Scientific CL10 Rotors and Accessories

O-G26/ 1 Swing-out Rotor

Description	RPM	RCF (x g)	Cat. No.
O-G26/ 1 Swing-out Rotor, 4 x 135 mL			
Includes 4 buckets	4000	2647	11210014
Buckets, 135 mL (set of 4)			11210331
Sealing lids for 135 mL buckets (set of 4)			11210664

Adapters for 11210014 (set of 4)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 X 135 mL	43.4 x 112	4	direct
1 X 110/ 100 mL	40 x 115	4	11210665
1 X 100 mL	44 x 100	4	11210684
1 X 94/ 85/ 80 mL	38 x 111.5	4	11210677
1 X 65/ 50 mL	34 x 100	4	11210667
1 X 50 mL	28.5 x 106	4	11210674
1 X 50 mL conical	28 x 116	4	11210675
1 X sulphate tube	30 x 115	4	11210683
1 X 30 mL	23.5 x 105	4	11210671
1 X 30/ 25 mL	25.5 x 95	4	11210666
1 X 25 mL	24 x 104	4	11210672
3 X 16/ 15 mL	18 x 107	12	11210670
3 X 15/ 10 mL BD Vacutainer®	16 x 120	12	11210680
1 X 15 mL conical	16.5 x 121	4	11210676
1 X 15 mL urine	17 x 105	4	11210679
3 X 13.5/ 10 mL	16 x 82	12	11210678
7 X 8 mL	12 x 100	28	11210669
4 X 5/ 7 mL BD Vacutainer	13 x 100	16	11210682
7 X 5 mL	12 x 75	28	11210673
7 X 3 mL	11 x 70	28	11210668
5 X 2/ 1.5 mL	10 x 41	20	11210685

O-G26/ 2 Swing-out Rotor

Description	RPM	RCF (x g)	Cat. No.
O-G26/ 2 Swing-out Rotor - Rotating			
Equipment Package Includes:			
O-G26 rotor, 4 trunnions (16 x 15 ml)			
and 16 unsealed carriers	4000	2575	11210015
Spare trunnions, 16 x 15 mL (set of 4)			11210344
Unsealed carriers, 15 mL (set of 8)			11210883

Adapters for 11210015 (1 per package)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 X 13.5 mL	16 x 82	16	11203666
1 X 8/ 7 mL + BD Hemogard®/ BD Vacutainer	13 x 100	16	11172596
1 X 5 mL	13 x 75	16	11172402
1 X 5 mL (type BD Hemogard)	13 x 75	16	11172595
1 X 3 mL	11 x 70	16	11172287
1 X 2/ 1.5 mL	10 x 41	16	11172288

O-G26/ 3 Swing-out Rotor

Description	RPM	RCF (x g)	Cat. No.
O-G26/ 3 Swing-out Rotor – Rotating			
Equipment Package Includes:			
O-G26 and 4 trunnions 8x15 ml			
and 8 sealed carriers	4000	2575	11210016
Spare trunnions, 8x15 mL (set of 4)			11210345
Sealed carrier, 15 mL (each)			11203722
Spare sealing lid for 15 mL carrier (each)			11203724

Adapters for 11210016 (1 per package)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 X 13.5 mL	16 x 82	8	11203666
1 X 8/ 7 mL + BD Hemogard/ BD Vacutainer	13 x 100	8	11172596
1 X 5 mL	13 x 75	8	11172402
1 X 5 mL (type BD Hemogard)	13 x 75	8	11172595
1 X 3 mL	11 x 70	8	11172287
1 X 2/ 1.5 mL	10 x 41	8	11172288



11210014 O-G26/ 1



11210015 O-G26/ 2



11210016 O-G26/ 3



11210018 F-G1



11210019 F-G3



11210891 A-G20

F-G1 Fixed Angle Rotor

Description	RPM	RCF (x g)	Cat. No.
F-G1 rotor 6 x 50 mL conical:	5000	3661	11210018
Includes 6 buckets			
Spare buckets for F-G1 rotor (set of 6)			11210635

Adapters for 11210018 (set of 6)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 X 50 mL conical	28.5 x 106	6	direct
1 X 50 mL	28 x 116	6	11210577
1 x 16/ 15 mL	18 x 107	6	11210527
1 X 15 mL conical	16.5 x 121	6	11210532
1 X 10 mL	16 x 82	6	11210537
1 X 2/ 1.5 mL	10 x 41	6	11210542

F-G3 Fixed Angle Rotor

Description	RPM	RCF (x g)	Cat. No.
F-G3 rotor, 24 x 15 ml	4000	2380	11210019
Includes 24 buckets			

Adapters for 11210019 (1 per package)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 x 15 mL conical	16.5 x 121	18	direct
1 X 13.5 mL	16 x 82	24	11203666
1 X 8/ 7 mL + BD Hemogard/ BD Vacutainer	13 x 100	24	11172596
1 X 5 mL (type BD Hemogard)	13 x 75	24	11172595
1 X 5 mL	13 x 75	24	11172402
1 X 3 mL	11 x 70	24	11172287
1 X 2/ 1.5 mL	10 x 41	24	11172288

A-G20 Fixed Angle Rotor

Description	RPM	RCF (x g)	Cat. No.
A-G20 rotor 20 x 2 mL	6500	3684	11210891

Adapters for 11210891 (Set of 20)

Capacity	Tube Dimensions	Rotor Capacity	Cat. No.
1 X 2/ 1.5 mL	10 x 41	20	direct
1 X 0.5 / 0.8 mL	diam 8 mm	20	41174928
1 X 0.5 mL	diam 6 mm	20	41174938
1 X 0.2 mL PCR	diam 6 mm	20	11174631

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Specifications and Ordering Information

Thermo Scientific CL10 Centrifuge Series



Specifications	CL10
Max Capacity	
Swing-out	4 x 135 mL
Fixed Angle	6 x 50 mL
Max Density	1200 kg/ m ³
Max Load	0.648 kg
Max Speed	
Swing-out	4000 rpm
Fixed Angle	6500 rpm
Max RCF	
Swing-out	2647 x g
Fixed Angle	3684 x g
Control System	Microprocessor
Speed Set/ Display	
Range	300 - 6500 rpm
Step	10 rpm
Accuracy	±20 rpm (display)
Timer Set/ Display	1 min up to 99 min + Hd
Acceleration Rates	High or Low
Braking Rates	High or Low
Drive System	Direct
Motor Type	Brushless induction
Power (average/ max)	150 W
Noise	57 dBA
Standards	IEC 1010-1, IEC 1010-2-020, CE marked, UL listed, cUL listed
Product Dimensions	
Height (lid closed) [cm/ in]	28/ 11
Width [cm/ in]	37/ 14.6
Depth [cm/ in]	46/ 18.1
Weight unpacked [kg/ lb]	28/ 61.7

Ordering Information	
Catalog Numbers	Description
11210900	CL10, 230V - 50/ 60 Hz
11210901	CL10, 120V - 60 Hz
Packing Dimensions	
Height [cm/ in]	51/ 20.1
Width [cm/ in]	64/ 25.6
Depth [cm/ in]	55/ 21.7
Weight packed [kg/ lb]	40/ 88.2

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