

VWR® CLINICAL CENTRIFUGES

Clinical and Research
Applications

Multiple Rotor Options

Compact Footprint



VWR® Clinical 200 Large Capacity Centrifuge

- Maximum speed 6,000 rpm/4,185 g
- Accepts up to 6 x 50 mL or 12 x 15 mL tubes
- Safety lock prevents lid from opening when rotor is in motion
- Dynamic braking with non-disruptive soft stop

Designed for ease of use, the VWR Clinical 200 centrifuge is a large capacity centrifuge ideal for use in the clinical lab as well as research settings. This versatile centrifuge will accept tubes from 5 to 50mL, including all common blood draw tubes. A combination of digital displays and easy set knobs allow for quick and precise setting of operating parameters. Tight operational control is maintained by the microprocessor. An imbalance sensor is incorporated into the control loop to stop operation of the centrifuge in the case of an improperly loaded rotor. At the end of a run, dynamic braking brings the rotor to a quick and turbulence-free stop.

Three rotor options are available for the VWR Clinical 200 centrifuge. The 50mL angle rotor has a maximum capacity for six tubes while the 15mL angle rotor will hold twelve. Both round and conical bottom tubes can be used in the rotors. A 6 x 5mL swing out rotor is also available. Optional adapters accommodate various tube sizes including standard round bottom blood tubes. The VWR Clinical 200 offers a safety lock lid, preventing the lid from being opened during use. The centrifuge can be used in a coldroom.



Specifications	
Speed Range	250 rpm to 6,000 rpm, increments of 250 rpm
RCF Range	7 x g to 4,185 g
Maximum Capacity	12 x 15 mL or 6 x 50 mL
Timer	1 to 30 minutes or continuous
Dimensions (W x D x H)	28 x 37 x 26 cm (11 x 14 ⁵ / ₈ x 10 ⁷ / ₃₂ ")
Weight	15 kg (33 lbs.)
Electrical	120V, 60 Hz or 230V, 50 Hz

Description	Cat. No.
VWR Clinical 200 Centrifuge	
120V, 60Hz, With Rotor*	82017-654
230V, 50Hz, With Rotor*	82017-656
120V, 60Hz, Without Rotor	82013-812
230V, 50Hz, Without Rotor	82013-814
Adapters	
For 5 mL (12 x 75 mm) or 7 mL (13 x 100 mm) Tubes	82013-820
For 10 mL (16 x 100 mm) Round Bottom or 15 mL Conical Tubes in 50 mL Rotor (Pack of 6)	82013-824
For 5 mL (12 x 75 mm) to 7 mL (13 x 100 mm) Tubes	82013-826
Accessories	
Swinging Bucket Rotor, Holds Six 5 mL Tubes	82013-828
28° Fixed-Angle Rotor, Holds Twelve 15 mL Tubes	82013-816
28° Fixed-Angle Rotor, Holds Six 50 mL Tubes	82013-822
Hematocrit Tube Rotor, Holds 24 Hematocrit Tubes	93001-772
Hematocrit Tube Reader	93001-774

* Includes 12 x 15 mL Rotor and Adapters for 5, 7 and 10 mL Tubes

VWR® Clinical 100 Laboratory Centrifuge

- For serum and plasma studies
- High speed: up to 6,500 rpm/4,000 g
- Digital speed and time control
- Safety lock prevents lid from opening when rotor is in motion
- Supplied complete with rotor

The VWR Clinical 100 centrifuge has been designed for performing blood and other basic separations. Supplied complete with rotor, it accepts 15mL conical and 10mL (16 x 100mm) tubes directly and smaller tubes with optional adapters. With variable speed control in increments of 100rpm, the centrifuge is ideal for a wide variety of applications including producing platelet rich plasma (PRP) for agglutination studies, urine sedimentation, preparation of chemistry analyte samples, and pelleting of cultures. The high speed capabilities (up to 6,500rpm) allow for quick production of platelet poor plasma (PPP) for coagulation studies.














The optional combination tube adapters are suitable for centrifuging 5mL (12 x 75mm) and 7mL (13 x 100mm) tubes. At the beginning of a run, the safety lid lock engages and prevents the centrifuge from being opened until the rotor has come to a complete stop. The Clinical 100 Centrifuge is just 21cm wide, fitting easily on a crowded bench. The molded housing is easy to wipe clean.



Specifications	
Speed	300 rpm - 6,500 rpm
Maximum RCF	4,000 x g
Maximum capacity	6 x 15 mL conical
Timer	0.5 to 30 minutes or continuous
Dimensions (W x D x H)	21 x 24 x 18 cm (8¼ x 9½ x 7 1/8")
Weight	4.75 kg (11 lbs.)
Electrical	120V, 60Hz or 230V, 50Hz

Description	Cat. No.
VWR Clinical 100 Centrifuge	
120V, 60Hz, With Rotor*	97011-432
230V, 50Hz, With Rotor*	97011-434
Adapter for 5 mL (12 x 75 mm), 7 mL (13 x 100 mm) and 10-12 mL (16 x 100 mm) Tubes (Pack of 6)	82013-820

*Includes 6 x 15 mL Rotor

		Standard Blood Collection Tubes				Sarstedt Blood Collection Tubes							
Dimensions(mm)	17 x 120	16 x 125	16 x 100	13 x 100	13 x 75	15 x 102	16 x 92	15 x 92	13 x 90	11 x 92	11 x 66	13 x 65	8 x 66
Capacity *	15mL	15mL	10mL	7mL	5mL	10mL	9-10mL	7.5-8.2mL	4.9mL	4.5-5mL	2.7-3mL	2.6-2.9mL	1.1-1.4mL
Tube Image													
Radius (cm)	8.2	8.5	8.5	7.7	7.7	8.5	8.5	8.5	7.7	7.7	7.7	7.7	7.7
Max. RCF	3,873	4,015	4,015	3,637	3,637	4,015	4,015	4,015	3,637	3,637	3,637	3,637	3,637
Tubes Per Rotor	6	6	6	6	6	6	6	6	6	6	6	6	6
Adapter	None	None	None	82013-820	82013-820	82013-820	82013-820	None	None	None	82013-820	82013-820	82013-820

* Capacity may vary based on serum volume.

VWR® Clinical 50 Centrifuge

- For physician's offices and small laboratories
- Maximum capacity 6 x 15 mL
- Maximum speed 4,000 rpm/1,900 g
- Clear lid with safety interlock

The VWR Clinical 50 Centrifuge is supplied with a 6 x 15mL fixed angle rotor. This basic unit features variable speed to 4,000rpm/1,900g, and is suitable for a variety of applications including physician's offices, clinical settings, and small laboratories. The rotor accepts 15mL (16 x 130mm) and 10mL (16 x 100mm) tubes directly. Optional adapters accept smaller tubes, including most common blood draw tubes. Centrifuge features easy to turn knob for speed and time control operation. The lid of the VWR Clinical 50 features a window for visualizing the rotor. A safety interlock cuts power to the centrifuge when the lid is opened. The rugged ABS housing adds durability to the centrifuge and is easy to clean.



Specifications	
Maximum Speed	4,000 rpm
Maximum RCF	1,900 g
Maximum Capacity	6 x 15 mL
Dimensions (W x D x H)	29.5 x 34.8 x 25.7 cm (11 ⁵ / ₈ x 13 ¹¹ / ₁₆ x 10 ¹ / ₈ ")
Weight	5.5 kg (12 lbs.)
Electrical	120V, 60Hz

Description	Cat. No.
VWR Clinical 50 Centrifuge with 6 x 15 mL Rotor	82013-800
Adapter for 5 mL (12 x 75 mm), 7 mL (13 x 100 mm), and 10-12 mL (16 x 100 mm) Tubes (Pack of 6)	82013-820

Centrifuges in this brochure are supplied with a manufacturer's two-year parts and labor warranty VWR offers validation services including IQ, OQ, and PQ protocol development and execution (in US only); visit vwr.com, call 1.800.937.5000, or contact your VWR representative for more details.



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