

CENTRIFUGATION

MINI
MICRO
COMPACT
HIGH PERFORMANCE

Centrifuge Selection Guide	Maximum g-Force	Rotor options	Max Microtube Angle/Swing-out	Max 15 mL (Con.) (Angle/Swing-out)	Max. 50 mL (Con.) (Angle/Swing-out)	Digital Display	Refrigeration	RPM/RCF Conversion	Rotor for Plates
Mini Plate Spinner	500 x g	1	-	-	-	No	No	No	Yes
Mini Centrifuge	2,000 x g	2	6 / -	-	-	No	No	No	No
Prism Mini	2,000 x g	2	8 / -	-	-	No	No	No	No
Spectrafuge 16M	16,000 x g	1	18 / -	-	-	No	No	No	No
Spectrafuge 24D	16,300 x g	1	24 / -	-	-	Yes	No	Yes	No
Prism	21,200 x g	1	24 / -	-	-	Yes	No	Yes	No
Prism R	17,135 x g	1	24 / -	-	-	Yes	Yes	Yes	No
Z 100 A	1,900 x g	1	-	6 / -	-	No	No	No	No
Spectrafuge 6C	4,000 x g	1	-	6 / -	-	Yes	No	No	No
336 / 336R	24,270 x g	9	36 / -	30 / -	8 / 4	Yes	Yes	Yes	Yes
226R	21,382 x g	7	24 / -	-	-	Yes	Yes	Yes	No

Centrifuge Tube Guide

1.5 mL/2.0mL
(11 x 42 mm)5 mL
(12 x 75 mm)7 mL
(13 x 100 mm)10 - 15 mL
(16 x 100 mm)15 mL conical
(17 x 120 mm)30 mL high speed
(25.5 x 92 mm)50 mL high speed
(28.5 x 104mm)50 mL conical
(29 x 115 mm)85 mL high speed
(38 x 101 mm)250 mL
(60 x 124 mm)500 mL
(80 x 125 mm)
Cat. no. C0383-75DB

Labnet Mini Centrifuges and Slide Spinner

The Labnet Mini Microcentrifuges operate at a fixed speed of 6,000 rpm (2,000 x g) and were designed for quick spin downs of micro-samples. Operation is made simpler and more convenient with the design of a quick-release rotor system and electronic brake. Once samples are loaded and the lid is closed, the rotor rapidly accelerates to 6,000 rpm. This speed range is ideal for bringing small droplets to the bottom of the tubes for micro-filtrations or as basic separations. Pressing the lid release button will activate the electronic brake, which brings the rotor to a fast stop. The mini microcentrifuge can accommodate up to 8 microcentrifuge tubes or 4 PCR strip tubes. Smaller samples such as 0.2, 0.25, and 0.5 mL can also be processed by using the included tube adapters.

The Labnet Slide Spinner is designed for drying microarray slides before scanning. It dries two slides in as little as 10 seconds for quality imaging and screening results. The slides are placed into cassettes that catch all liquid without splashing. Cassettes are reusable.



Mini
Microcentrifuge



Slide Spinner

SPECIFICATIONS	Mini Centrifuge	Slide Spinner
Maximum speed/RCF	6,000 rpm/2,000 x g ¹	4,000 rpm/500-850 x g
Maximum capacity	4 x 0.2 mL strips or 8 x 1.5/2.0 mL	2 standard slides
Dimensions (W x D x H)	6.8 x 5.8 x 4.8 in/17.2 x 14.7 x 12.2 cm	5.9 x 5.9 x 4.6 in/15 x 15 x 11.7 cm
Weight	2.65 lb/1.2 kg	1 lb/0.45 kg
Electrical	AC 100 - 240V, 50/60Hz	120V~, 60 Hz or 230V~, 50 Hz
¹ Average max rcf in the strip tube rotor is 1,180 - 2,000 x g		

CAT NO.	DESCRIPTION
C1601-G	Labnet Mini Microcentrifuge, gray lid, 100-240V
C1601-B	Labnet Mini Microcentrifuge, blue lid, 100-240V
C1601-P	Labnet Mini Microcentrifuge, purple lid, 100-240V
C1601-R	Labnet Mini Microcentrifuge, red lid, 100-240V
6770-RT	Replacement rotor, 8 place tube rotor
6770-RTS	Replacement rotor, 4 place PCR strip rotor
6770-RTA.5	Individual adapters for 0.5 mL tubes, pk of 8
6770-RTA.2	Individual adapters for 0.2 mL tubes, pk of 8
6770-RTA.25	Individual adapters for 0.25 mL tubes, pk of 8
401025	Power Adapter, 24V
C1303-T*	Slide Spinner with two slide drying cassettes, 120V
C1303-SC	Extra cassettes for Slide Spinner centrifuge, pk of 2

*To order 230V units add -230V to the end of the catalog number.
Specify cord type by adding -EU or -UK to the end of the catalog number.

Prism Mini

Labnet's approach to provide innovative and feature rich lab equipment is proven in the Prism Mini Centrifuge. Reliable and easy-to-use, the Prism Mini is compact and economical, allowing each workstation to be equipped with a "personal" centrifuge.

The Prism Mini can be used for a wide range of molecular biology separations and quick spins. The centrifuge was designed to be extremely compact with an exceptionally small footprint. It includes 2 quick release interchangeable rotors, which spin up to 6000 rpm's. An electronic brake provides quick deceleration and the self opening lid allows for easy sample access, both reducing handling time.

The Prism Mini's maintenance-free drive is remarkably quiet and the unique design allows for excellent air-flow, to protect temperature-sensitive samples.



SPECIFICATIONS

Capacity:	8 x 1.5/2.0 mL rotor and 4 x .2 mL strips
Rotor Speed:	6,000 rpm
G Force:	2,000 x g
Dimensions:	5.2 x 5.2 x 4.4 in/13.2 x 13.2 x 11.2 cm
Weight:	1.2 lb/0.55 kg
Electrical:	120V or 230V, 50/60Hz

CAT NO.	DESCRIPTION
C1801	Prism Mini Centrifuge, 120V
C1801-230V-EU	Prism Mini Centrifuge, 230V, EU Plug
C1801-230V-UK	Prism Mini Centrifuge, 230V, UK Plug
C1205-8	0.5/0.6mL Individual tube adapter, pk of 8
C1206-8	0.4/0.25mL Individual tube adapter, pk of 8
C1222-8	0.2mL Individual tube adapter, pk of 8

MPS 1000 Mini Plate Spinner Centrifuge

Labnet's MPS 1000 Mini Plate Spinner is the first centrifuge designed specifically for quick and easy centrifugation of samples in PCR plates or microplates.

Centrifuges that accept microplates are typically larger units that take up valuable space on the bench. The unique design of the Mini Plate Spinner, results in a compact centrifuge that has an extremely small footprint - just 6 x 6 in. Two standard microplates are loaded through a slot in the top of the unit. Sealed plates are loaded vertically - surface tension keeps samples in place so there is no danger of spilling samples.

Upon closing the lid of the unit, the rotor quickly accelerates the microplates to 2,500 rpm. Pressing the open button engages the brake and brings the rotor to a stop. For temperature sensitive applications, the Plate Spinner may be used in a cold room.



SPECIFICATIONS

Capacity	2 standard PCR or microtiter plates
Rotor Speed	2,500 rpm
G Force	500 x g
Ambient operating range	4° to 35°C
Dimensions (W x D x H)	6 x 6 x 7 in/15.24 x 15.24 x 17.78 cm
Weight	3.3 lb/1.5 kg
Electrical	100, 120 or 230V, 50/60Hz

CAT NO.	DESCRIPTION
C1000*	MPS 1000 Plate Spinner centrifuge, 120V
C1000-ADAPT	MPS 1000 PCR Support Plate for tubes and half plates

*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords
Add -100V when ordering 100V units

Spectrafuge™ 16M

The Spectrafuge 16M is the perfect high speed compact microcentrifuge. Producing a maximum of 16,000 x g, it is the ideal unit for DNA applications. A brushless, maintenance free motor provides extremely fast acceleration and deceleration of the 18-place rotor and makes the Spectrafuge 16M one of the quietest microcentrifuge in its class.

Speed and time are set with the control knobs on the front panel of the unit. A “Quick” button allows for momentary runs. A continuous flow of ambient air through the rotor chamber keeps the rotor and samples cool. For applications requiring sub-ambient temperatures, the Spectrafuge 16M may be operated in a cold room.

The Spectrafuge 16M is supplied complete with an 18 place rotor for 1.5/2.0 mL tubes. Smaller tubes are accommodated by adapters (sold separately). The optional Strip-Spin™ rotor adapter holds two 8 x 0.2 mL strips, typically used for PCR.



SPECIFICATIONS

Speed range	1,000 to 14,000 rpm
Maximum RCF	16,000 x g
Maximum capacity	18 x 1.5/2.0 mL
Timer	1 to 30 min or continuous “Quick” button for momentary operation
Ambient operating range	4° to 35°C
Dimensions (W x D x H)	8.25 x 8.9 x 7.6 in/21 x 23 x 19.3 cm
Weight	10 lb/4.5 kg
Electrical	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
C0160*	Spectrafuge 16M Microcentrifuge, standard gray, 120V
C0160-SS	StripSpin adapter for 0.2 mL tubes and strips. Fits on standard rotor
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4/0.25 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6

*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

Spectrafuge™ 24D

The Spectrafuge 24D combines innovations such as a unique, easy access rotor, exclusive multi-flow air cooling system and high performance drive with a digital microprocessor that precisely regulates operation.

Parameters are selected with two “smart” knobs and values are shown on large, easy to read, LED displays. Speed can be set and displayed in rpm or g-force while runs may be timed, continuous or momentary.

The unique design of the 24-place aluminum rotor allows easy access to the tops of the tubes. An optional StripSpin™ adapter fits onto the rotor for spinning 0.2 mL tubes and strips. A powerful, brushless motor quickly accelerates the rotor to set speed.

Air enters the centrifuge through vents on the back of the housing and is circulated in multiple directions to maximize cooling. The result is a cool running microcentrifuge that keeps samples close to ambient temperature, even during extended runs at maximum speed. For samples that require below ambient temperatures, the Spectrafuge 24D may be used in a cold room.



SPECIFICATIONS

Speed range	500 to 13,300 rpm
Maximum RCF	16,300 x g
Maximum capacity	24 x 1.5/2.0 mL
Timer	1 to 30 min or continuous “Quick” button for momentary operation
Ambient operating range	0° to 40°C
Dimensions (W x D x H)	9.25 x 11.5 x 8.5 in/ 23.5 x 29.3 x 21.6 cm
Weight	18 lb/8.1 kg
Electrical	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
C2400*	Spectrafuge 24D digital microcentrifuge, standard gray, 120V
C2400-B*	Spectrafuge 24D digital microcentrifuge, blue accents, 120V
C2400-T*	Spectrafuge 24D digital microcentrifuge, teal accents, 120V
C2400-P*	Spectrafuge 24D digital microcentrifuge, purple accents, 120V
C2400-R*	Spectrafuge 24D digital microcentrifuge, red accents, 120V
C2400-SS	StripSpin adapter for 0.2 mL tubes and strips. Fits onto standard rotor
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4/0.25 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6

*To order 230V units add -230V to the end of the catalog number. 230V product includes both, EU and UK power cords.

Prism™ and Prism R Microcentrifuges

The Prism and Prism R are the premier models to Labnet's microcentrifuge line. These two units feature powerful brushless motors and an intuitive control panel.

The Prism R is the refrigerated model that incorporates a powerful cooling system that maintains temperatures as low as -10°C and can reach 4°C in less than 8 minutes. The Prism is the air-cooled model, which was designed to keep samples close to ambient temperature, even when operating at maximum speed. It can also be used in a cold room.

Speed in both units is easily set and displayed in either rpm or rcf. Operation of the units can be timed, continuous or momentary, using the "Quick" button. Vibration free operation is ensured by an isolation system. In the event of a significant imbalance, operation of the centrifuge is automatically stopped for safety. Deceleration at the end of a run is very quick, but will not disrupt samples.

Both of these centrifuges are supplied with a uniquely designed 24 x 1.5/2.0 mL rotor that allows easy access to the tops of the sample tubes. Individual tube slots in the solid aluminum rotor support tubes along their length and contain the sample in the event of tube failure. Adapters are available for smaller tubes as well as PCR strips. The rotor is seated on a tapered shaft which facilitates easy removal for cleaning and autoclaving.



Prism



Prism R

SPECIFICATIONS	Prism	Prism R
Speed range	500 to 15,000 rpm	500 to 13,500 rpm
Maximum RCF	21,200 x g	17,135 x g
Maximum capacity	24 x 1.5/2.0 mL	24 x 1.5/2.0 mL
Timer	0.5 to 99 min or continuous "Quick" button for momentary operation	0.5 to 99 min or continuous "Quick" button for momentary operation
Temperature range	N/A	-10° to 40°C
Dimensions (W x D x H)	9.45 x 13.8 x 7.48 in/24 x 35 x 19 cm	10.9 x 17.75 x 9.75 in/27.7 x 45 x 24.75 cm
Weight	21 lb/9.6 kg	44 lb/20 kg
Electrical	120V~, 60 Hz or 230V~, 50 Hz	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
C2500*	Prism air-cooled microcentrifuge with 24 place rotor, 120V
C2500-R*	Prism R refrigerated microcentrifuge with 24 place rotor, 120V
C2400-SS	StripSpin adapter for 0.2 mL tubes and strips
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4/0.25 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6

*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

Z 100 A Clinical Centrifuge

The Z 100 A Clinical Centrifuge is suitable for a variety of applications in the clinical setting or in the research laboratory.

The fixed angle rotor accepts 6 x 15 mL or 10 mL tubes directly. Optional adapters can be purchased to accommodate smaller tubes, including most common blood draw tubes.

A clear lid allows for visualization of the rotor. For safety, power is cut to the unit when the centrifuge lid is opened. The rugged ABS housing adds durability to the centrifuge and makes cleaning easier.

The Z 100 A can be used in a cold room for subambient applications.



SPECIFICATIONS

Speed range	1,000 to 4,000 rpm
Maximum RCF	1,967 x g
Maximum capacity	6 x 10/15 mL round or conical
Timer, Analog	1 to 30 min or continuous
Dimensions (W x D x H)	11 x 13.75 x 10.2 in./26.5 x 33 x 24.5 cm
Weight	12 lb/5.5 kg
Electrical	120V~, 50-60 Hz

CAT NO.	DESCRIPTION
C0100-A	Z 100 A Clinical Centrifuge with 6 x 10/15 mL rotor, 120V
C0200-17A	Adapters for 5 mL (13 x 75 mm) and 7 mL (13 x 100 mm) tubes, pk of 6

*Only available in 120V

Spectrafuge™ 6C

The Spectrafuge 6C has been designed for quick production of PPP (platelet poor plasma) or PRP (platelet rich plasma) as well as other applications in the clinical and research laboratory.

The fixed angle rotor of the Spectrafuge 6C holds up to 6 x 15 mL conical tubes of maximum tube height of 120mm, and with adapters will accommodate most common blood draw tubes. Variable speed allows for a variety of applications to be performed. A timer controls operation from 30 seconds to 30 minutes or can be set to “hold” for continuous operation.

The control panel of the centrifuge features easy turn knobs and large digital displays for time and speed. During operation of the centrifuge, the lid is locked. Once the rotor has come to a stop, the lid knob can be pressed to unlock the lid and gain access to the samples.

A small footprint allows the Spectrafuge 6C to fit on even the most crowded bench. Its rugged construction will provide years of trouble free operation. The centrifuge is cold room compatible.



SPECIFICATIONS

Speed range	300 to 6,500 rpm
Maximum RCF	4,000 x g
Maximum capacity	6 x 15 mL
Timer	5 to 30 min or continuous
Dimensions (W x D x H)	8.25 x 7 x 9.5 in/21 x 18 x 24 cm
Weight	10 lb/4.5 kg
Electrical	120V or 230V~, 50/60 Hz

CAT NO.

DESCRIPTION

C0060*	Spectrafuge 6C Centrifuge with 6 x 10/15 mL rotor, 120V
C0200-17A	Adapter set for 5, 7 and 10 mL tubes, pk of 6

*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

226R

The Labnet centrifuge is table top laboratory centrifuge for separation of tissue or plant samples of different densities. Its construction ensures easy operation, safe work and wide range of applications at laboratories engaged in routine medical analyses, biochemical research works etc.

CE
CSA Compliant



CENTRIFUGES - HIGH PERFORMANCE

SPECIFICATIONS

226R

Speed Range	90 to 15,000 rpm
Maximum RCF	21,382 x g
Maximum capacity	24 x 1.5/2.0 mL or 6 x 15 mL
Temperature range	-20° to 40°C
Running time	1 s to 99 hr 59 min 59 s or continuous
Dimensions (W x H x D):	28.5 x 29.9 x 59.5 cm / 11.2 x 11.8 x 23.4 in
Weight:	33 kg / 72.8 lbs
Electrical:	120V, 60 Hz or 230V, 50 Hz

CAT NO.	DESCRIPTION
C0226R	Refrigerated microcentrifuge, 120V
C0226-4PCR	4 x 8 - 0.2mL PCR
C0226-242SC	24 x 2.0mL spin column tubes, max 14,000 rpm/20,160 x g
C0226-242	24 x 1.5/2.0mL, max 15,000 rpm/20,879 x g
C0226-125	12 x 5mL, max 15,000 rpm/21,382 x g
C0226-615	6 x 15mL, max 6,500 rpm/3,542,720 x g
C0336-HEM	Hematocrit rotor, max 13,00 rpm/16,816 x g

*To order product in 230V, add -230V to the end of the catalog number.

336/336R Series

The Labnet High Performance centrifuges are capable of high speed operation, expanding their use to applications in molecular biology and basic research. The C0336 series centrifuge has a capacity up to 400 mL with swing-out and fixed angle rotor options. Capable of 100 memory programs, this centrifuge has a large LCD display showing both pre-selected and actual run parameters with 10 different acceleration and deceleration levels. Both centrifuges are equipped with automatic lid opening and automatic rotor recognition. Speed is set and displayed in RPM or RCF. Safety features incorporated into the centrifuges include start blocking when lid is open, lid locking during rotor running, and imbalance sensors.


336

SPECIFICATIONS	C0336	C0336R
Speed range	900 to 18,000 rpm	900 to 18,000 rpm
Maximum RCF	24,270 x g	24,270 x g
Maximum capacity	400 mL	400 mL
Timer	1 s to 99 hr 59 min 59 s or continuous	1 s to 99 hr 59 min 59 s or continuous
Temperature range	NA	-20° to +40°C
Dimensions (WxDxH)	14.4 x 19.5 x 12.6 in/ 36.5 x 49.5 x 32 cm	14.4 x 26 x 12.6 in/36.5 x 66 x 32 cm
Weight	65 lb/29.5 kg	111.77 lb/50.7 kg
Electrical	120V, 50/60 Hz or 230V, 50/60 Hz	120V, 60 Hz or 230V, 50/60 Hz

CAT NO.	DESCRIPTION
C0336	Non-refrigerated centrifuge, 120V
C0336R	Refrigerated centrifuge, 120V

*To order 230V units add -230V to the end of the catalog number.

Fixed Angle Rotors for 336 and 336R

CAT NO.	DESCRIPTION
C0336-850F	8 x 50 mL, max 5,500 rpm/4,227 x g
C0336-850G	8 x 50 with PC caps, max 5,500 rpm/4,227 x g
C0336-C15	Adapter for standard 15 mL centrifuge tubes for C0336 or C0336-850G
C0336-3015	30 x 15 mL, max 4,500 rpm/3,011 x g
C0336-3016	30 x 10 mL, max 4,500 rpm/3,011 x g
C0336-133AD	Adapter for 13.3 mm tubes for C0336-3015 or C0336-3016
C0336-12F	12 x 5 mL with hermetically sealed lid, max 14,000 rpm/19,064 x g
C0336-362	36 x 1.5/2.0 mL with hermetically sealed lid, max 14,000 rpm/18,187 x g

Swing out Rotors for 336 and 336R

CAT NO.	DESCRIPTION
C0336-4100	4 x 100 mL, max 4,000 rpm/2,469 x g, without bucket
C0336-100B	100 mL bucket for C0336-4100
C0336-100BC	100 mL bucket with cap for C0336-4100
C0336-4VAC	Round carrier 4 x 10/15 mL for Vacutainer® tubes for C0336-4100
C0336-C50	Round carriers for 50 mL tubes for C0336-100B
C0336-2MP	2 microplates with 2 hangers, max 3,000 rpm/916 x g

Special Purpose Rotor for 336 and 336R

CAT NO.	DESCRIPTION
C0336-HEM	Hematocrite rotor, max 13,000 rpm/16,816 x g