

Mini Centrifuge

Highspeed Laboratory

Clinical Hematocritcentrifuge

Microcentrifuge



Fix Angle Rotor with Tubes 50 ml



Mini Centrifuge



Hematocrit Centrifuge



High Speed Centrifuge

Mini-Centrifuge CD-1008

The CD-1008 is a small and powerful mini centrifuge which fits on every laboratory bench. Compact, small and very quiet running (<45 dB) is it the ideal instrument for small analysis. For safety reasons it is running only with a closed lid.

CD-1008 G (green), **CD-1008 B** (blue)

- Two lid colors, green and blue
- Max. speed of 7,000 rpm
- Comes with 2 ml x 8 and PCR8 x 2 rotors
- Dual door interlock design
- DC motor drive
- Quiet running, noise level ≤ 45 dB
- The rotor is seated on a tapered shaft which facilitates easy removal
- Ideal for quick spin downs and micro filtration
- The centrifuge starts and stops by closing and opening lid or using the on/off switch



2 Years
Warranty



Accessories

CD08-8-2 Rotor, 8 x 1.5/2 ml
CD08-2-PCR8 Rotor, 2 x 8 x 0.2 ml PCR

CD08-A02 Adapter, 2 ml to 0.2 ml, 8 pcs
CD08-A05 Adapter, 2 ml to 0.5 ml, 8 pcs

Technical Data	CD-1008
Speed	7,000 rpm
Max. RCF	2,680 g
Time	continuous
Noise	<45 dB (A)
Dimension	15 x 15 x 12 cm
Weight	0.5 kg
Max. capacity	8 x 2 ml
Shipping includes	CD 08-2, CD 02-PCR 8
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	20 W

Mini-Centrifuge CD-1012

This centrifuge is ideal for quick spins, microfiltration of samples, cell separations and many other routine laboratory procedures.

CD-1012

- Max. Speed 10,000 rpm (7,490 g)
- OLED display may switch speed and time;
- DC motor drive smooth and quiet operation.
- Safe, durable and robust rotor with clamp locking design easy to operate
- Wide voltage technology the speed is not affected by voltage fluctuations high speed accuracy.
- Compatible with 0.5/1.5/2mLx12 tubes+4xPCR8 strips 0.2 mLx44 PCR tubes.
- Central button can adjust the motor speed and supports soft braking and instant stop modes
- Simple appearance and structure, only weight 1.5 kg



CD-1012

2 Years
Warranty



Technical Data	CD-1012
Speed	2,000 - 10,000 rpm
Increment	1.000 rpm steps
Max. RCF	6,708 g, 1.5/2 ml; 6,596 - 7490 g, PCR8 stripes
Capacity	12 x 0.5/1.5/2 mL, 4xPCR8 strips, 44 x 0.2 mL PCR tubes
Runtime	10 sec - 20 min
Noise	<58 dB (A)
Dimension (D x W x H)	210 x 180 x 130 mm
Weight	1.5 kg
Max. capacity	8 x 2 ml
Shipping includes	Rotor
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	40 W

Low Speed Centrifuge CD-0506

The new centrifuge CD-0506, supplied with a built in fixed angle rotor which can hold up to 6 tubes each 15 ml / 10 ml / 7 ml / 5 ml / 1.5/2 ml. It is widely used for blood or urine separation in medical routine practice in hospitals, clinics or research institutes.

CD-0506

- Speed range from 300 - 5,000 rpm
- Rotor speed can be set and displayed by rpm or G-force
- Defined program by knob will be stored and activated when power on
- Two programs P1/P2, easy to start the procedure by one key
- Two deceleration speeds setting to meet different requirements
- Easy-to-read processing display and sound alert
- Automatic lid-lock release after running
- Maintenance-free brushless DC motor
- Rotor and Adapter included

2 Years
Warranty



CD-0506



Technical Data	CD-0506
Speed	300 - 5,000 rpm
Increment	10 rpm
Max. RCF	2,600 g
Timer	0.5-99 minutes, continuous
Noise	< 54 dB (A)
Dimension (DxWxH)	24 x 30 x 18 cm
Weight	5.2 kg
Max. Capacity	6 x 15 ml
Rotor	54° fix angle
Safety	Door interlock, overspeed detector, automatic internal diagnosis
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	70 W
Shipping includes	Rotor and adapter

Centrifuge CD-0412-50

Whether in environmental, biological or analytical laboratories - in all areas of the laboratory world there is a need to centrifuge samples up to 50 ml quickly and cost-effectively.

With the CD-0412-50, Phoenix Instrument offers exactly the right centrifuge for these requirements. The rotor has 6 holes for 15 ml tubes and 6 holes for 50 ml tubes. This means that it can be universally equipped with either 15 ml plastic tubes or 50 ml plastic tubes.



CD-0412-50

- Fix angle rotor (54°) for 6 x 50 ml or 6 x 15 ml
- Automatic self-diagnosis to control all functions
- backlit LCD-display for easy-read out of parameter such as Speed, RCF and time
- easy, intuitive operation
- Timer function 0.5 - 99 minutes
- Timer starts after the selected speed is reached
- Quick spin function
- Lid with electric lock and automatic release function to save processing time and prevent sample overheating
- Maintenance free brushless motor

2 Years
Warranty

CD-0412-50

Accessories

CD-A6-50P Rotor 6 x 15 ml or 6 x 50 ml

CD04-R50P Plastic tubes with round bottom, 50 ml

Technical Data	CD-0412-50
Speed	300 - 4,000 rpm
Increment	100 rpm steps
Max. RCF	1,800 g
Timer	0.5 - 99 minutes, continuous
Noise	<54 dB (A)
Dimensions	30 x 35 x 20 cm
Weight	6 kg
Capacity	6 x 15 ml or 6 x 50 ml
Rotor	54° fix angle
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	70 W
Shipping includes	CD-A6-50P
Power	70 W
Shipping includes	Rotor and Adapter

High Speed Micro Centrifuges CD-2012

High speed micro-centrifuge range is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high-end research applications: Sedimentation of cells and viruses, Separation of sub-cellular organelles, Isolation of macromolecules such as DNA, RNA, proteins or lipids.

The CD2012 is a high speed micro centrifuge with a 12-place rotor for 1.5 / 2ml tubes - or smaller through the use of adapters. The brushless DC motor drives quickly and effortlessly up to a maximum speed of 15,000 rpm. Easy control and handling is guaranteed by clearly arranged operating knobs and the backlit display.

2 Years
Warranty



CD-2012

CD-2012

- Max. speed of 15,000 rpm (increment 100 rpm)
- The max. RCF is 15,100 g
- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached
- Time from 0.5 - 99 minutes or continuous
- Easy-to-read display and sound alerts
- Conforms to all international standards and regulation
- max. Capacity 12 x 2 ml (Rotor incl in delivery)
- Dimensions: 26 x 25 x 14 cm
- Weight: 6 kg

Accessories

- CD12-2P Rotor with lid, 12 x 1.5 / 2 ml
 CD12-A02 Adapter, 2 ml to 0.2 ml, 24 pcs
 CD12-A05 Adapter, 2 ml to 0.5 ml, 24 pcs

Technical Data	CD-0506
Speed	15,000 rpm
Max. RCF	15,100 g
Timer	0.5-99 minutes, continuous
Noise	< 56 dB (A)
Dimension (DxWxH)	24 x 30 x 18 cm
Weight	6 kg
Max. Capacity	12 x 2 ml
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	100 W
Shipping includes	CD 12-2P

24 Place High Speed Micro Centrifuge CD-3024

The high speed Micro centrifuge CD-3024 has a capacity of 24x2ml, 18x5 ml or 36 x 0,5ml and is also available in a refrigerated version. Easy handling and control is guaranteed with the backlit LCD-Display and the clear operation panel.

For safety reasons the centrifuges are equipped with dual door interlock, self-control of speed and temperature. All rotors are bio-safe and the centrifuges are manufactured in accordance with all international standards and regulations.



CD-3024

- Self diagnostic, control of speed and temperature
- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached
- The short spin function is used for quick spins by pressing and holding PULSE key
- Timer starts once the target speed reached, for accurate separation time
- Rotor CD24-24-2 included in the delivery

Technical Data	CD-3024
Speed	500 - 15,000
Increment	10 rpm steps
Max. RCF	21,380 g
Timer	0.5 - 99 minutes, continuous
Noise	< 54 dB (A)
Dimension (DxWxH)	34 x 68 x 33 cm
Weight	12 kg (without rotor)
Max. Capacity	18 x 5 ml, 24 x 2 ml, 36 x 0.5 ml
Voltage • Frequency	220 - 240 V • 50 Hz
Power	100 W
Shipping includes	CD 24-24-2

Accessories

CD24-18-5	Rotor with lid, 18 x 5 ml
CD24-24-2	Rotor with lid, 24 x 1.5 / 2 ml
CD24-36-05	Rotor with lid, 36 x 0.5 ml
CD24-4-PCR8	Rotor with lid, 4 x 8 x 0.2 ml PCR
CD12-A02	Adapter, 2 ml to 0.2 ml, 24 pcs
CD12-A05	Adapter, 2 ml to 0.5 ml, 24 pcs
CD24-A02-36	Adapter, 0.5 ml to 0.2 ml, 36 pcs

Refrigerated High Speed Centrifuge CD-3124R

The new refrigerated high speed Micro centrifuge CD-3124R has a capacity of 24 x 2 ml, 18 x 5 ml or 36 x 0.5 ml. Easy handling and control is guaranteed with the backlit LCD-Display and the clear operation panel.

For safety reasons the centrifuges are equipped with dual door interlock, self-control of speed and temperature. All rotors are bio-safe and the centrifuges are manufactured in accordance with all international standards and regulations.



CD-3124R

CD-3124R

- automatic lid locking
- Pre-cooling system
- environmentally friendly cooling unit
- Maximum speed also below 4 °C
- 9 programme memory locations
- bio-safe rotors, lid with 3-fold safety device
- Aluminium rotors autoclavable at 121 °C
- rotors from 0.2 - 5 ml available
- Condensate tank
- high safety standard
- MCA test by TÜV Rheinland
- Acceleration and deceleration time: 25s↑ / 25s↓, adjustable in 9 steps
- Rotor CD24-24-2 (24 x 2 ml) included

2 Years
Warranty

Accessories

- CD24-18-5 Rotor with lid for CD-3024, 18 x 5 ml
- CD24-12-5V Rotor with lid for CD-3024, 12 x 5 ml
- CD24-24-2 Rotor with lid for CD-3024, 24 x 1.5/2 ml
- CD24-36-05 Rotor with lid, 36 x 0.5 ml
- CD24-4-PCR8 Rotor with lid, 4 x 8 x 0.2 ml PCR

Technical Data	CD-3124R
Speed / Increment	200 - 15,000 rpm / 100 rpm steps
Max. RCF	21,380 g
Timer	30 s - 99 min, continuous
Capacity	20 x 1.5/2 ml, 36 x 0.5 ml, 12 x 5 ml, 18 x 5 ml, 4 x 8 x 0.2 ml
Temperature	-20 to +40 °C
Dimension (DxWxH)	34 x 56 x 29 cm
Weight	30 kg
Noise	< 56 dB (A)
Voltage • Frequency	200 - 240 V • 50/60 Hz
Power	500 W
Shipping includes	CD24-24-2 (24 x 2 ml)

Clinical Centrifuge CD-0412

Conforms to international safety standards and regulations. The clinical centrifuges have passed the explosion-proof test and marked with CE, TUV and FCC. MCA test according to IEC/EN61010-2-20 including explosion-proof and bio-safe tests.

Passed EN61010-2-101:2002 particular requirements for in vitro diagnostic (IVD) medical equipment. High strength plastic rotor and excellent balance technology to guarantee a quiet and stable operation.

Dual protection casing provides safe and reliable running. Brushless motor drive quickly and effortlessly accelerates the rotor to set speed.



CD-0412

CD-0412

- CPU controls all operating parameters including speed and time
- High accuracy of speed, excellent performance
- Operation can be timed from 30 seconds to 99 minutes or continuous running
- Timer commences once the set speed is reached, so the separation time is more accurate
- Gentle braking at low speeds with efficient separation

Accessories

- CD04-8-15 Rotor, 8 x 15 ml
- CD04-A15 Adapter, 12 pcs
- CD04-A15 plug Adapter-mat, 12 pcs

Technical Data	CD-0412
Speed	300 - 4,000 rpm
Increment	100 rpm steps
Max. RCF	1,800 g
Timer	0,5 - 99 min, continuous
Capacity	6 x 15 ml or 6 x 50 ml
Dimension (DxWxH)	26 x 25 x 14 cm
Weight	6 kg
Noise	< 54 dB (A)
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	70 W
Shipping includes	CD04-8-15

Centrifuge CD-0424

The new multi-purpose centrifuge CD-0424 is versatile and can be used in applications from clinical to biochemical for qualitative analysis of serum, plasma, blood, and urine.



CD-0424

CD-0424

- Maximum up to 4000rpm Speed can be set in RPM/RCF, with 3 customizable routines programs (Blood, Urine & Fecal)
- 3 acceleration level & 4 level deceleration
- Maximum capacity 50 mL x 4, Suitable for different sizes of blood collection tubes and centrifuge tubes for both, swing-out and fix angle rotor
- Quiet, compact, and convenient with Easy-to-read LCD display
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor.

2 Years
Warranty

Accessories

- CD-S6-15 Swing rotor for CD-0424, 6 x 15 ml, max. 4,000 rpm
 CD-S4-50 Swing rotor for CD-0424, 4 x 50 ml, max. 4,000 rpm
 CD-24-15P Swing rotor for CD-0424, 24 x 15 ml, max. 4,000 rpm
 CD-A8-15P Swing rotor for CD-0424, 8 x 15 ml, max. 4,000 rpm
- CD-15-P30 Adapter 50 ml to 15 ml, for Tubes 17 x 120 mm and 13/16 x 100 mm Tubes, 4 pcs.
 CD-15-P22 Adapter 15 ml to 13/16 x 100 mm, 24 pcs.
 CD-A5-P17 Adapter 15 ml to 5 ml, 13 x 75 mm, 24 pcs.
 CD-A2-P17 Adapter to 2 ml, 24 pcs.

Technical Data	CD-0424
Speed	500 - 4,000 rpm
Increment	100 rpm steps
Max. RCF	2,500 g
Timer	1 - 99 minutes, continuous
Noise	< 62 dB (A)
Dimension (DxWxH)	37 x 44 x 27 cm
Weight	14.5 kg
Max. Capacity	4 x 50 ml
Rotor	Fix angle or swing rotor
Safety	Door interlock, overspeed detector, automatic internal diagnosis
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	70 W
Shipping includes	4 x 50 ml swing rotor and adapter

Hematocrit Centrifuge CH-1424

Hematocrit centrifuge with CH-24-HR rotor is used for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solution.

Hematocrit centrifuge with CH24-24-2 rotor is used for extraction of DNA and RNA.

CH-1424

- Speed range of 200-14,000 rpm, max. RCF 18,260 g
- Two rotors, hematocrit rotor with max. capacity 24 capillary tubes and 2 ml x 24 rotor
- Precise control speed and time with efficient separation
- Self diagnostic, control of speed and temperature
- User-friendly large LCD display shows running information
- Both RPM or G-force can be set and displayed



CH-1424



2 Years
Warranty

Accessories

CH24-HR	Hematocrit rotor with lid and reading disk, 24 x capillary tubes
CH24-24-2	Rotor with lid, 24 x 1,5/2 ml
CD12-A02	Adapter, 2 ml to 0,2 ml, 24 Pcs
CD12-A05	Adapter, 2 ml to 0,5 ml, 24 Pcs

Technical Data	CH-1424
Speed	200 - 14,000 rpm
Increment	10 rpm steps
Max. RCF	18,260 g
Timer	0.5 - 99 minutes, continuous
Noise	< 60 dB (A)
Dimension (DxWxH)	28 x 36 x 26 cm
Weight	10 kg (without rotor)
Max. Capacity	6 x 15 ml or 6 x 50 ml
Rotor	Hematocrit rotor: 24 x capillary
Voltage • Frequency	100 - 240 V • 50/60 Hz
Power	160 W
Shipping includes	CH24-H



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