

# Mini Centrifuge Highspeed Laboratory Clinical Hematocritcentrifuge Microzentrifuge



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 7000rpm
- Comes with 2ml 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
- Warranty 2 years



### 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-2008
Speed (rpm)	7000
max. RCF (g)	2680
Time	continuous
Dimension (cm)	15 x 15 x 12
Weight (kg)	0,5
Capacity	8 x 2 ml

## 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 15000rpm. Easy control and handling is guaranteed by clearly arranged operating knobs and the backlit display.



### CD-2012

- Max. speed of 15000 rpm (increment 100 rpm)
- The max. RCF is 15100 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)
- Warranty 2 years
- Dimensions: 26 x 25 x 14 cm
- Weight: 6 kg

### Accessories

CD12-2P Rotor with lit, 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-2012
Speed (rpm)	15000
max. RCF (g)	15100
Time	0,5 - 99 min, continuous
Dimension (cm)	6 x 15 x 14
Weight (kg)	6
Capacity	12 x 2 ml

## 24-place high speed Micro Centrifuges CD3024 and CD3024R

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



CD-3024

#### 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

- 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
- Pre-cooling provides cool down prior to operation and powerful cooling system (CD3024R)
- CFC-free refrigerant
- Rotor CD24-24-2 included in the delivery



CD-3024R

Technical data	CD-3024(R)
Speed (rpm)	500-15000 in 10 rpm-steps
max. RCF (g)	21380 g
Time	0,5-99 minutes, continuous
Dimension (cm)	34 x 68 x 33 cm
Weight (kg)	28 x 36 x 27 cm (CD3024R) CD-3024 12 kg without rotor CD-3024R 30 kg without rotor
Temperature °C	-20 to +40 (CD-3024R)
Rotor capacity	18 x 5 ml, 24 x 2 ml, 36 x 0,5 ml

## Laboratory centrifuge CD-0412-50

Doesn't matter if in a biological, analytical or environmental laboratory, - everywhere is the demand to centrifuge samples up to 50ml in a fast and economical way.

Phoenix Instrument offers with the new CD-0412-50 the ideal instrument. The centrifuge is equipped with a rotor for 6 x 50ml tubes and 6 x 15ml tubes, so the instrument can hereby be used very flexible and universal either for 15ml tubes or 50ml tubes. The rotor CD-A6-50 is fix mounted and included in the delivery.



CD-0412-50

### Accessories

CD-A6-50P	Rotor 6 x 15 ml or 6 x 50 ml
CD04-R50G	Glas tubes with round bottom, 50 ml
CD04-R50P	Plastic tubes with round bottom, 50 ml

### 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

Technical data	CD-0412-50
Speed	300 - 4.000 rpm
Increment	100 rpm
max. RCF	1.800 g
Timer	0,5-99 minutes, impulse
Noise	< 54 dB (A)
Dimension	30 x 35 x 20 cm
Weight	6 kg
max. Capacity	6 x 15 ml or 6 x 50 ml
Rotor	54° fix angle
Delivery	incl. Rotor

### Clinical Centrifuge CD-0412

Our clinical centrifuge is ideal for the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories with a speed range of 300-4500rpm. 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. The rotor is bio-safe and the centrifuges are manufactured in accordance with all international standards and regulations plus the particular requirements for in vitro diagnostic (IVD) medical equipment. The rotor CD04-8-50 and the adapter CD-04-A15 and plug CD-04-A15 are included in the delivery.

#### CD-0412



CD-0412

- 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

#### 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 (rpm)	300 - 4500 in 100 rpm-steps
max. RCF (g)	2490
Time	0,5 - 99 minutes, continuous
Noise level (dB)	< 56
Abmessung (cm)	26 x 25 x 14
Weight (kg)	6
Rotor capacity (ml)	8 x 15 ml (included)

## Hematocrit Centrifuge CH1424

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 200-14000 rpm, max. RCF 18260xg
- Two rotors, hematocrit rotor with max. capacity 24 capillary tubes and 2ml 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

### 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 (rpm)	200 - 14000 in 10 rpm-steps
max. RCF (g)	18260
Time	0,5 - 99 minutes, continuous
Noise level (dB)	<60
Dimensions (cm)	28 x 36 x 26
Weight (kg)	10 (without rotor)
Rotor capacity (ml)	Hematocrit rotor: 24 x capillary (included)



In addition to Centrifuges Phoenix Instrument also offers Rotary Evaporator, Balances, Liquid Handling, Stirrer, Mixer, Shakers, pH- and conductivity meter, Incubators

