



PHOENIX
Instrument

Solutions for the Lab



Centrifuges

Solutions for the Lab

The Idea...	PHOENIX INSTRUMENT start with a new concept to comply customer demands for high-quality but also well-priced laboratory instruments.
The Implementation...	Absolute customer orientation and satisfaction is the focus of all activities of PHOENIX INSTRUMENT.
Your Benefit...	As our customer you will take advantage of our long market experience, the attractive prices and the short delivery times. We guaranty comprehensive and competent consultations in all aspects and will always listen to your wishes, ideas and suggestions. It goes without saying that PHOENIX INSTRUMENT offers a technical service, if required.

Centrifuges

Index:

Mini Centrifuge	Page 3
Micro centrifuge	Page 4,5
Clinical centrifuge	Page 6
Hematocrit centrifuge	Page 7

Mini Centrifuge CD1008

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.

All features at a glance:

- Four lid colors including green, blue, yellow and pink
- Max. speed of 7000rpm
- Comes with 2ml x 8 and PCR8 x 2 rotors
- Dual door interlock design, for safety
- 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



High Speed Micro Centrifuges

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.

All features at a glance:

- Max. speed of 15000 rpm (increment 100rpm)
- 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 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



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.

All features at a glance:

- 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
- Warranty 2 years

Specifications:

Speed:	500-15000 rpm in 10 rpm-steps
max. RCF:	21380 g
Time:	0,5-99 Minutes or continuous
Dimensions:	34 x 68 x 33 cm 28 x 36 x 27 cm (CD3024R)
Weight:	12 kg without rotor 30 kg without rotor (CD3024R)
Temperature:	-20 - +40 °C (CD3024R)
Rotor capacity:	24 x 2 ml (included) 18 x 5/36 x 0,5 ml, 8 x 4 PCR



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

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.

All features at a glance:

- 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
- Warranty 2 years

Specifications:

Speed: 300-4500 rpm in 100 rpm-steps
max. RCF: 2490 g
Time: 0,5-99 Minutes or continuous
Dimensions: 26 x 25 x 14 cm
Weight: 6 kg without rotor
Noise level: < 56 db
Rotor capacity: 8 x 15 ml (included), 12 x 10/7,5 ml

Accessories:

CD04-8-15	Rotor, 8 x 15 ml
CD04-A15	Adapter, 12 pcs
CD04-A15plug	Adapter-mat, 12 pcs



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

All features at a glance:

- Speed range of 200-14000r rpm, Max. RCF 18260×g
- Two rotors, hematocrit rotor with Max. capacity 24 capillary tubes and 2ml×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
- Warranty 2 years

Specifications:

Speed: 200-14000 rpm in 10 rpm-steps
max. RCF: 18260 g
Time: 0,5-99 Minutes or continuous
Dimensions: 28 x 36 x 26 cm
Weight: 10 kg without rotor
Noise level: < 60 db
Rotor capacity: 24×1.5/2ml; Hematocrit rotor:24×capillary (included)



Accessories:

CH 24-HR Hematocrit rotor with lid and reading disk, 24x capillary tubes
CH 24-24-2 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



Solutions for the Lab

Phoenix Instrument GmbH • Heinkelstraße 10
30827 Garbsen • Germany

Phone +49 (5131) 90818 -30 • Fax +49 (5131) 90818 -39
info@phoenix-instrument.de • www.phoenix-instrument.com

Please have a look to our other products as well:

We are also offering ...

- Balances
- Moisture Analyzer
- Pipette
- Dosing Equipment
- Pipetting Aids
- pH-Meter
- Buffer solutions
- Conductivity meter
- Rotary Evaporator