Mini Centrifuge

Highspeed Laboratory

Clinical Hematocrit Centrifuge

Microcentrifuge

Fix angle rotor with Tubes 50 ml

Mini Centrifuge

Hematocrit Centrifuge

High Speed Centrifuge

Centrifuges
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.

**Mini-Centrifuge CD-1008**

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

- Two lid colors, green and blue
- Max. speed of 7000 rpm
- 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

**Technical Data**

<table>
<thead>
<tr>
<th>Speed (rpm)</th>
<th>max. RCF (g)</th>
<th>Time</th>
<th>Dimension (cm)</th>
<th>Weight (kg)</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-2008</td>
<td>7000</td>
<td>2680</td>
<td>continuous</td>
<td>0.5</td>
<td>8 x 2 ml</td>
</tr>
</tbody>
</table>

**Accessories**

- CD08-B-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-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 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**

<table>
<thead>
<tr>
<th>CD-2012</th>
<th>Speed (rpm)</th>
<th>max. RCF (g)</th>
<th>Time</th>
<th>Dimension (cm)</th>
<th>Weight (kg)</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15000</td>
<td>15100</td>
<td>0,5 - 99 min, continuous</td>
<td>6 x 15 x 14</td>
<td>6</td>
<td>12 x 2 ml</td>
</tr>
</tbody>
</table>
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.

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

- 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-3024**

- Speed (rpm) max. 500-15000 in 10 rpm-steps
- max. RCF (g) 21380 g
- Time 0.5-99 minutes, continous
- Dimension (cm) 34 x 68 x 33 cm (CD3024), 28 x 36 x 27 cm (CD3024R)
- Weight (kg) 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

**Accesories**

- 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
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**

- 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

**Accesories**

- 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

### Technical data

<table>
<thead>
<tr>
<th>CD-0412-50</th>
<th><strong>Technical data</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>300 - 4,000 rpm</td>
</tr>
<tr>
<td>Increment</td>
<td>100 rpm</td>
</tr>
<tr>
<td>max. RCF</td>
<td>1,800 g</td>
</tr>
<tr>
<td>Timer</td>
<td>0.5-99 minutes, impulse</td>
</tr>
<tr>
<td>Noise</td>
<td>&lt; 54 dB (A)</td>
</tr>
<tr>
<td>Dimension</td>
<td>90 x 35 x 20 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>6 kg</td>
</tr>
<tr>
<td>max. Capacity</td>
<td>6 x 15 ml or 6 x 50 ml</td>
</tr>
<tr>
<td>Rotor</td>
<td>54° fix angle</td>
</tr>
<tr>
<td>Delivery</td>
<td>incl. Rotor</td>
</tr>
</tbody>
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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**

- 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

**Accesories**

- 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

### Technical data

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<td>Speed</td>
<td>300 - 4,000 rpm</td>
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</tr>
<tr>
<td>max. RCF</td>
<td>1,800 g</td>
</tr>
<tr>
<td>Timer</td>
<td>0.5-99 minutes, impulse</td>
</tr>
<tr>
<td>Noise</td>
<td>&lt; 54 dB (A)</td>
</tr>
<tr>
<td>Dimension</td>
<td>90 x 35 x 20 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>6 kg</td>
</tr>
<tr>
<td>max. Capacity</td>
<td>6 x 15 ml or 6 x 50 ml</td>
</tr>
<tr>
<td>Rotor</td>
<td>54° fix angle</td>
</tr>
<tr>
<td>Delivery</td>
<td>incl. Rotor</td>
</tr>
</tbody>
</table>
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

- 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

<table>
<thead>
<tr>
<th>CD-0412</th>
<th>CD-0412</th>
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<tbody>
<tr>
<td>Speed (rpm)</td>
<td>300 - 4500 in 100 rpm-steps</td>
</tr>
<tr>
<td>max. RCF (g)</td>
<td>2490</td>
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<tr>
<td>Time</td>
<td>0.5 - 99 minutes, continuous</td>
</tr>
<tr>
<td>Noise level (dB)</td>
<td>&lt; 56</td>
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<tr>
<td>Abmessung (cm)</td>
<td>26 x 25 x 14</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>6</td>
</tr>
<tr>
<td>Rotor capacity (ml)</td>
<td>8 x 15 ml (included)</td>
</tr>
</tbody>
</table>
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 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

Accesories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH24-HR</td>
<td>Hematocrit rotor with lid and reading disk, 24 x capillary tubes</td>
</tr>
<tr>
<td>CH24-24-2</td>
<td>Rotor with lid, 24 x 1.5 ml</td>
</tr>
<tr>
<td>CD12-A02</td>
<td>Adapter, 2 ml to 0.2 ml, 24 Pcs</td>
</tr>
<tr>
<td>CD12-A05</td>
<td>Adapter, 2 ml to 0.5 ml, 24 Pcs</td>
</tr>
</tbody>
</table>

Technical data

- 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.