

## 品名:桌上型離心機

品牌: 德國HERMLE

### 特點說明

微電腦自我檢測操作系統。

大型液晶顯示螢幕具背光功能。

電子式安全門鎖。

不平衡檢知保護系統。

超低噪音值**60dB**以下，最高轉速時。

不需工具即可更換離心轉子。



規格型號	微量離心機 Z206A
最高轉速	6000rpm
最大離心力	4180g
最大處理量	6 x 50ml
轉速範圍	200 ~ 6000rpm with 50rpm Increments
時間範圍	99h59min
外觀尺寸	W28 x H26 x D37cm
本體重量	15kg
電源需求	120V / 60Hz

### 離心機配件

## Accessories

max. Volume	max. Speed	RCF-Value	Order number	Angle
6 x 50 ml	6000 rpm	4427 xg	221.55 V01	40°
12 x 15 ml	6000 rpm	4427 xg	221.54 V01	32°
18 x 1,5/2,0 ml	6000 rpm	2938 xg	220.95 V06	45°
6 x 5,0 ml	4000 rpm	1896 xg	220.68 V04	0-90°

The table shows the maximum capacity of the rotors. Of course we also offer adapters for smaller volumes. For more information about that, please look into the brochures on our website: [www.hermle-labortechnik.de](http://www.hermle-labortechnik.de). If you will not find the appropriate adapter, please contact us and we can make a special adapter for you.

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不需工具即可更換離心轉子。

規格型號	微量離心機 <b>Z216M</b>
最高轉速	15000rpm(最小調整值10rpm)
最大離心力	21380 g(最小調整值10xg)
最大處理量	44 x 1.5/2.0ml
時間範圍	<b>99h59min</b>
外觀尺寸	<b>W280 x H290 x D390 mm</b>
本體重量	<b>17kg</b>
電源需求	<b>110V-120V / 50-60Hz</b>

### 離心機配件

## Accessories Z 216 M & Z 216 MK

\* aerosol-tight

max. Volume	max. Speed	RCF-Value	Order number	Angle
44 x 1,5/2,0 ml	13500 rpm	17113/17317 xg	220.88 V08	32°/55°
30 x 1,5/2,0 ml	13500 rpm	19151 xg	221.17 V06	45°
12 x 5 ml Reaction tubes	14500 rpm	19978 xg	221.35 V03	45°
24 x 1,5/2,0 ml *	15000 rpm	21379 xg	220.87 V13	45°
24 x 1,5/2,0 ml	15000 rpm	21379 xg	220.87 V14	45°
64 x 0,5 ml	13500 rpm	14261/16298 xg	220.92 V07	40°/55°
4 x 8 - PCR-Strips	15000 rpm	15343 xg	221.38 V03	45°
24 capillaries	12000 rpm	14970 xg	220.58 V13	90°

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### 特點說明

- 微電腦自我檢測操作系統。
- 大型液晶顯示螢幕具背光功能。
- 馬達驅動式安全門鎖。
- 不平衡檢知保護系統。
- 超低噪音值**60dB**以下，最高轉速時。
- 轉子立即辨識系統、超速保護裝置。
- 快拆式轉子，上蓋方便離心管的取放。
- 具10組離心完成提示音可供選擇。



規格型號	高速型離心機 Z326K
最高轉速	18000rpm
最大離心力	23545 g
最大處理量	6 x 85ml
轉速範圍	200 to 18000rpm with 10rpm Increments
時間範圍	99h59min
外觀尺寸	W40 x H36 x D48cm
本體重量	43Kg
電源需求	120V / 60Hz

### 離心機轉子種類

## Examples of possible rotors

#### Main rotor



max. Volume: 4 x 100 ml  
Order number: 221.12 V03



max. Volume: 4 x 100 ml  
Order number: 220.72 V06



max. Volume: 24 x 1,5/2,0 ml  
Order number: 220.87 V16



max. Volume: 6 x 85 ml  
Order number: 221.18 V02



max. Volume: 6 x 50 ml  
Order number: 221.22 V02



max. Volume: 30 x 15 ml  
Order number: 221.19 V02

品牌：德國HERMLE

## 特點說明

- 微電腦自我檢測操作系統。
- 採用免保養變頻式無碳刷式馬達。
- 馬達驅動式安全門鎖。
- 不平衡檢知保護系統。
- 10段加/減速控速可供選擇。
- 轉子立即辨識系統、超速保護裝置。
- 快拆式轉子，上蓋方便離心管的取放。
- 具可計時（秒為單位）瞬間離心系統。



<b>規格型號</b>	<b>高速型大容量離心機 Z366</b>
<b>最高轉速</b>	<b>20000rpm</b>
<b>最大離心力</b>	<b>29068 g</b>
<b>最大處理量</b>	<b>6 x 250ml</b>
<b>時間範圍</b>	<b>99h59min</b>
<b>外觀尺寸</b>	<b>W43 x H38 x D51cm</b>
<b>本體重量</b>	<b>52Kg</b>
<b>電源需求</b>	<b>120V / 60Hz</b>

## 離心機轉子種類

### Accessories Z 366 and Z 366 K

Rotor/Buckets	Adapter																					
<b>Order No.:</b> 221.19 V02  Angle rotor 30 x 15 ml Angle: 35°	<table border="1"> <tr> <td>Acceleration in s: 25/149 Deceleration in s: 20/985 max. speed: 4500 rpm RCF: 2830 xg max. radius: 12,5 cm max. ø: 17 mm Temp. at max. speed: -12°C</td> <td> <b>Order Nr.:</b> without 701.011 701.012 701.015                             </td> <td> <b>Tube rack</b> 1 x 15 ml-glass 1 x 7 ml 1 x 5 ml (RIA) 1 x 1,5 ml                             </td> <td> <b>ø (mm)</b> 17,5 13,5 13,5 11,0                             </td> <td> <b>Length (min./max.)</b> 95/115 95/115 70/90 42                             </td> </tr> </table>	Acceleration in s: 25/149 Deceleration in s: 20/985 max. speed: 4500 rpm RCF: 2830 xg max. radius: 12,5 cm max. ø: 17 mm Temp. at max. speed: -12°C	<b>Order Nr.:</b> without 701.011 701.012 701.015	<b>Tube rack</b> 1 x 15 ml-glass 1 x 7 ml 1 x 5 ml (RIA) 1 x 1,5 ml	<b>ø (mm)</b> 17,5 13,5 13,5 11,0	<b>Length (min./max.)</b> 95/115 95/115 70/90 42																
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<b>Order No.:</b> 221.20 V02  Angle rotor 4 x 85 ml Angle: 30°	<table border="1"> <tr> <td>Acceleration in s: 60/506 Deceleration in s: 49/1745 max. speed: 12000 rpm RCF: 14807 xg max. radius: 9,2 cm max. ø: 38 mm Temp. at max. speed: 5°C</td> <td> <b>Order No.:</b> 707.001 707.002 707.003 707.004 707.014 without                             </td> <td> <b>Tube rack</b> 1 x 15 ml 1 x 30 ml 1 x 50 ml 1 x 50 ml conical* 1 x 15 ml conical* without                             </td> <td> <b>ø (mm)</b> 17 25 29 29 17 38                             </td> <td> <b>Length (min./max.)</b> 103/110 90/103 105 118 120 113                             </td> </tr> </table>	Acceleration in s: 60/506 Deceleration in s: 49/1745 max. speed: 12000 rpm RCF: 14807 xg max. radius: 9,2 cm max. ø: 38 mm Temp. at max. speed: 5°C	<b>Order No.:</b> 707.001 707.002 707.003 707.004 707.014 without	<b>Tube rack</b> 1 x 15 ml 1 x 30 ml 1 x 50 ml 1 x 50 ml conical* 1 x 15 ml conical* without	<b>ø (mm)</b> 17 25 29 29 17 38	<b>Length (min./max.)</b> 103/110 90/103 105 118 120 113																
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<b>Order No.:</b> 221.21 V02  Angle rotor 6 x 250 ml Angle: 28°	<table border="1"> <tr> <td>Acceleration in s: 130/664 Deceleration in s: 92/2906 max. speed: 8000 rpm RCF: 10017 xg max. radius: 14 cm max. ø: 62 mm Temp. at max. speed: 3°C</td> <td> <b>Order No.:</b> 713.042 713.030 713.028 713.025 713.020 713.015 without                             </td> <td> <b>Tube rack</b> 1 x 50 ml conical 1 x 50 ml 2 x 30 ml 4 x 15 ml conical 5 x 10 ml 8 x 1,5 ml 1 x 250 ml                             </td> <td> <b>ø (mm)</b> 29 29 26 17 16 11 62                             </td> <td> <b>Length (min./max.)</b> 118 103 92 120 80 40 122                             </td> </tr> </table>	Acceleration in s: 130/664 Deceleration in s: 92/2906 max. speed: 8000 rpm RCF: 10017 xg max. radius: 14 cm max. ø: 62 mm Temp. at max. speed: 3°C	<b>Order No.:</b> 713.042 713.030 713.028 713.025 713.020 713.015 without	<b>Tube rack</b> 1 x 50 ml conical 1 x 50 ml 2 x 30 ml 4 x 15 ml conical 5 x 10 ml 8 x 1,5 ml 1 x 250 ml	<b>ø (mm)</b> 29 29 26 17 16 11 62	<b>Length (min./max.)</b> 118 103 92 120 80 40 122																
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<b>Order No.:</b> 221.22 V02  Angle rotor 6 x 50 ml Angle: 28°	<table border="1"> <tr> <td>Acceleration in s: 48/446 Deceleration in s: 49/1323 max. speed: 13000 rpm RCF: 15871 xg max. radius: 8,4 cm max. ø: 29 mm Temp. at max. speed: 0°C</td> <td> <b>Order No.:</b> without 708.019 708.003 708.004 708.017                             </td> <td> <b>Tube rack</b> 1 x 50 ml 1 x 30 ml 1 x 18 ml 1 x 15 ml 1 x 15 ml conical* * only without rotor lid                             </td> <td> <b>ø (mm)</b> 29 25 18 17 17,5                             </td> <td> <b>Length (min./max.)</b> 95/115 92/95 100/105 100/105 116/125                             </td> </tr> </table>	Acceleration in s: 48/446 Deceleration in s: 49/1323 max. speed: 13000 rpm RCF: 15871 xg max. radius: 8,4 cm max. ø: 29 mm Temp. at max. speed: 0°C	<b>Order No.:</b> without 708.019 708.003 708.004 708.017	<b>Tube rack</b> 1 x 50 ml 1 x 30 ml 1 x 18 ml 1 x 15 ml 1 x 15 ml conical* * only without rotor lid	<b>ø (mm)</b> 29 25 18 17 17,5	<b>Length (min./max.)</b> 95/115 92/95 100/105 100/105 116/125																
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<b>Order No.:</b> 221.28 V02  Angle rotor 20 x 10 ml Angle: 30°	<table border="1"> <tr> <td>Acceleration in s: 54/512 Deceleration in s: 47/1439 max. speed: 12000 rpm RCF: 15777 xg max. radius: 9,8 cm max. ø: 16 mm Temp. at max. speed: 0°C</td> <td> <b>Order Nr.:</b> without                             </td> <td> <b>Tube rack</b> 1 x 10 ml                             </td> <td> <b>ø (mm)</b> 16                             </td> <td> <b>Length (min./max.)</b> 80                             </td> </tr> </table>	Acceleration in s: 54/512 Deceleration in s: 47/1439 max. speed: 12000 rpm RCF: 15777 xg max. radius: 9,8 cm max. ø: 16 mm Temp. at max. speed: 0°C	<b>Order Nr.:</b> without	<b>Tube rack</b> 1 x 10 ml	<b>ø (mm)</b> 16	<b>Length (min./max.)</b> 80																
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<b>Order No.:</b> 221.52 V02  Angle rotor 10 x 50 ml Falcon Angle: 38°	<table border="1"> <tr> <td>Acceleration in s: 22/219 Deceleration in s: 23/369 Acceleration in s: 115/753 Deceleration in s: 85/2395 max. speed: 9000/10500 min-1 RCF: 11770/16020 xg max. radius: 13 mm max. ø: 29 mm Temp. at max. speed: 9°C</td> <td> <table border="1"> <tr> <td>50 ml conical</td> <td>15 ml conical</td> <td>15 ml</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>ø Tubes in mm: 29</td> <td>17</td> <td>17</td> </tr> <tr> <td>Length in mm: 118</td> <td>121</td> <td>97-116</td> </tr> <tr> <td>Adapter Order-No.:</td> <td>without</td> <td>708.030</td> </tr> </table> </td> <td> <b>Order No.:</b> without 704.005 704.004                             </td> <td> <b>Tube rack</b> 1 x 2,0 ml 1 x 1,5 ml 1 x 0,5 ml 1 x 0,4/0,2 ml PCR                             </td> <td> <b>ø (mm)</b> 11 11 8 6                             </td> <td> <b>Length (min./max.)</b> 40 40 45 45                             </td> </tr> </table>	Acceleration in s: 22/219 Deceleration in s: 23/369 Acceleration in s: 115/753 Deceleration in s: 85/2395 max. speed: 9000/10500 min-1 RCF: 11770/16020 xg max. radius: 13 mm max. ø: 29 mm Temp. at max. speed: 9°C	<table border="1"> <tr> <td>50 ml conical</td> <td>15 ml conical</td> <td>15 ml</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>ø Tubes in mm: 29</td> <td>17</td> <td>17</td> </tr> <tr> <td>Length in mm: 118</td> <td>121</td> <td>97-116</td> </tr> <tr> <td>Adapter Order-No.:</td> <td>without</td> <td>708.030</td> </tr> </table>	50 ml conical	15 ml conical	15 ml				ø Tubes in mm: 29	17	17	Length in mm: 118	121	97-116	Adapter Order-No.:	without	708.030	<b>Order No.:</b> without 704.005 704.004	<b>Tube rack</b> 1 x 2,0 ml 1 x 1,5 ml 1 x 0,5 ml 1 x 0,4/0,2 ml PCR	<b>ø (mm)</b> 11 11 8 6	<b>Length (min./max.)</b> 40 40 45 45
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<b>Order No.:</b> 220.88 V09  Angle rotor 44 x 1,5/2,0 ml Angle: 40°	<table border="1"> <tr> <td>Acceleration in s: 29/257 Deceleration in s: 28/436 Acceleration in s: 31/274 Deceleration in s: 29/485 max. speed: 15000/16000 min-1 RCF: 21130/24040 xg max. radius: 8,4 cm max. ø: 11 mm Temp. at max. speed: 8°C</td> <td> <b>Order Nr.:</b> without without 704.005 704.004                             </td> <td> <b>Tube rack</b> 1 x 2,0 ml 1 x 1,5 ml 1 x 0,5 ml 1 x 0,4/0,2 ml PCR                             </td> <td> <b>ø (mm)</b> 11 11 8 6                             </td> <td> <b>Length (min./max.)</b> 40 40 45 45                             </td> </tr> </table>	Acceleration in s: 29/257 Deceleration in s: 28/436 Acceleration in s: 31/274 Deceleration in s: 29/485 max. speed: 15000/16000 min-1 RCF: 21130/24040 xg max. radius: 8,4 cm max. ø: 11 mm Temp. at max. speed: 8°C	<b>Order Nr.:</b> without without 704.005 704.004	<b>Tube rack</b> 1 x 2,0 ml 1 x 1,5 ml 1 x 0,5 ml 1 x 0,4/0,2 ml PCR	<b>ø (mm)</b> 11 11 8 6	<b>Length (min./max.)</b> 40 40 45 45																
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