

M-BASIC



NEW

HYBRID SWING-OUT AND ANGLE ROTOR

90°
/
45°

BASIC



| | PROGRAM | RPM/RCF $\times 100$ | TIME | COVER | PROGRAM | SAVE |
|---|---------|----------------------|------|-------|---------|------|
| 1 | | | | | | |
| 2 | 2 | 40 | 12 | 6 | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

RPM RCF

START SHORT STOP COVER



FEATURES

horizontal swing-out and angle rotor [unique system for placing buckets in horizontal and angular positions]

maintenance-free induction motor

low noise level

5 user programs [chosen with use of direct selection key]

changing of parameters during centrifuging

saving previously used setting

clear LED display

device's status indicated by visual and sound signals

easy speed or RCF adjustment [chosen with use of direct selection key]

automatic lid opening

time calculation from START key pressing or from reaching preselected speed

2 acceleration characteristics: FAST, SOFT

3 deceleration characteristics: FAST, SOFT, RUN OUT

HOLD operation mode [infinite time of centrifugation]

SHORT time operation mode

centrifugation cycles count

effective ventilation system

SAFETY

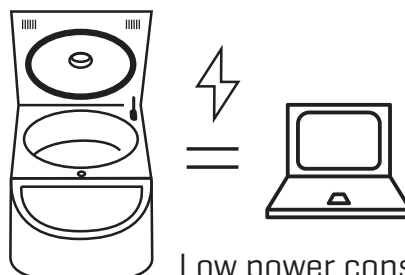
stainless steel rotor chamber

imbalance detection

lid locking during rotor running

start blocking at opened lid

product conforming with the EN-61010-1
and EN-61010-2-020, EN-61010-2-101 standards





M-BASIC

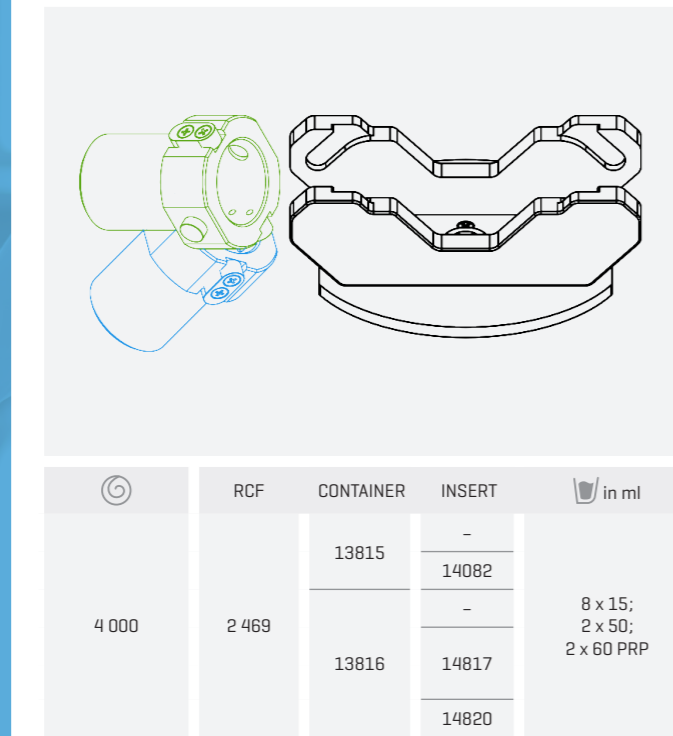
M-BASIC is a small, universal and easy-to-use laboratory centrifuge offering exceptional possibilities.

Its advantage is a unique rotor that combines the features of traditional angel and horizontal rotors. The revolutionary design allows to spin at 45° and 90° without changing the rotor, only by repositioning the buckets.

Thanks to its versatility, the same device can be used for daily tests [CBC or urine analysis] and for PRP preparation. It is suitable for small medical laboratories, research institutes and dental or esthetic medicine clinics. M-BASIC will also have application in surgery, orthopedics, veterinary medicine, sports medicine and many others.

M-BASIC's small size fits in a small lab space, while its 8-tube capacity and low power consumption ensure efficiency without excessive environmental damage. M-BASIC combines durability and performance as well as exceptional reliability and safety.

M-BASIC is perfect for those who need a multipurpose, cost-effective and easy-to-use centrifuge for everyday work.



| RCF | CONTAINER | INSERT | in ml |
|-------|-----------|--------|----------------------------|
| 4 000 | 2 469 | 13815 | - |
| | | 14082 | 8 x 15; 2 x 50; 2 x 60 PRP |
| | 13816 | 14817 | - |
| | | 14820 | - |

| Ø x L in mm | BLOOD COLLECTION TUBES | | | | | | | | | | URINE TUBES | | | | | | PRP TUBES | | | UNIVERSAL TUBES | | | | | | | | | | SPECIAL PURPOSE TUBES | | | GLASS TUBES | | | | | | | | | | | | | |
|-------------|------------------------|--------|--------|--------|---------|-------|-------|--------------|---------|-----------|-------------|-------------|-----------------|-----------------|--------|--------|-----------|--------|--------|-----------------|--------|--------|--------|-------|-------|--------|--------|--------|--------|-----------------------|--------|--------|-------------|--------|---------|-------|---------|-------|--------|--------|--------|--------|-------|----|---|---|
| | 16x100 | 16x100 | 13x100 | 13x100 | 13x75 | 13x75 | 16x92 | 15x92 | 13x90 | 15x75 | 11x92 | 13x75 | 13x65 | 11x66 | 16x105 | 16x105 | 16x105 | 16x105 | 16x100 | 16x100 | 15x100 | 15x100 | 13x100 | 13x75 | 13x75 | 16x117 | 30x115 | 30x115 | 17x120 | 17x120 | 16x120 | 16x113 | 16,8x113,7 | 16x106 | 16x81,5 | 17x70 | 11,5x92 | 12x85 | 16x125 | 13x100 | 16x100 | 12x100 | 12x75 | | | |
| in ml | 2,5-11 | 7-9 | 4-7 | 3,5-6 | 1,6-5,3 | 1-4,5 | 8;10 | 7,5-8,2; 8,5 | 4,9;5,6 | 4-4,3;5,5 | 4,5;5 | 2,7;3-4;4,3 | 2,6;2,9;3,4;3,8 | 1,6;2-2,7;3-3,1 | 12 | 10 | 12 | 9,5 | 8 | 9,5 | 10 | 10 | 4 | 4 | 20 | 30 | 15 | 20 | 30/60 | 50 | 50 | 50 | 15 | 15 | 5-8 | 15 | 14 | 10 | 10 | 6 | 5 | 8 | 4 | 10 | 7 | 5 |
| Angle | 90°/45° | | | | | | | | | | 90°/45° | | | | | | 90° | | | 90°/45° | | | | | | | | | | 90°/45° | | | 90°/45° | | | | | | | | | | | | | |
| 12815 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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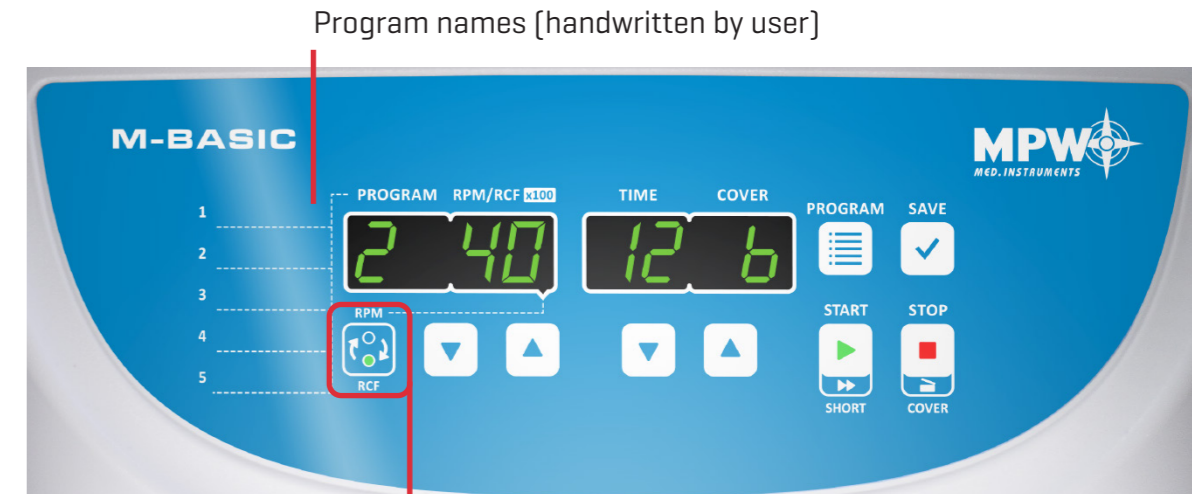
| Cat no. | Name | Tubes |
|---------------|---|----------------------------|
| 12815C | Set 1 | |
| 12815 | Hybrid, swing-out and angle rotor | |
| 13815 | Hanger 4 x 15ml (complete with buckets 13080) | Falcon®, BD CPT® |
| 14082 | Round carrier without bottom | closed systems |
| 14815 | Pad under | closed systems, urine tube |
| 13816 | Bucket 50 ml/60ml | Falcon®, PRP |
| 14816 | Pad under | PRP |
| 14817 | Round carrier 50ml | Falcon®, Greiner®, PRP |
| 14818 | Pad under 50ml | Falcon®, Greiner® |
| 14820 | Round carrier 15ml | Falcon® |



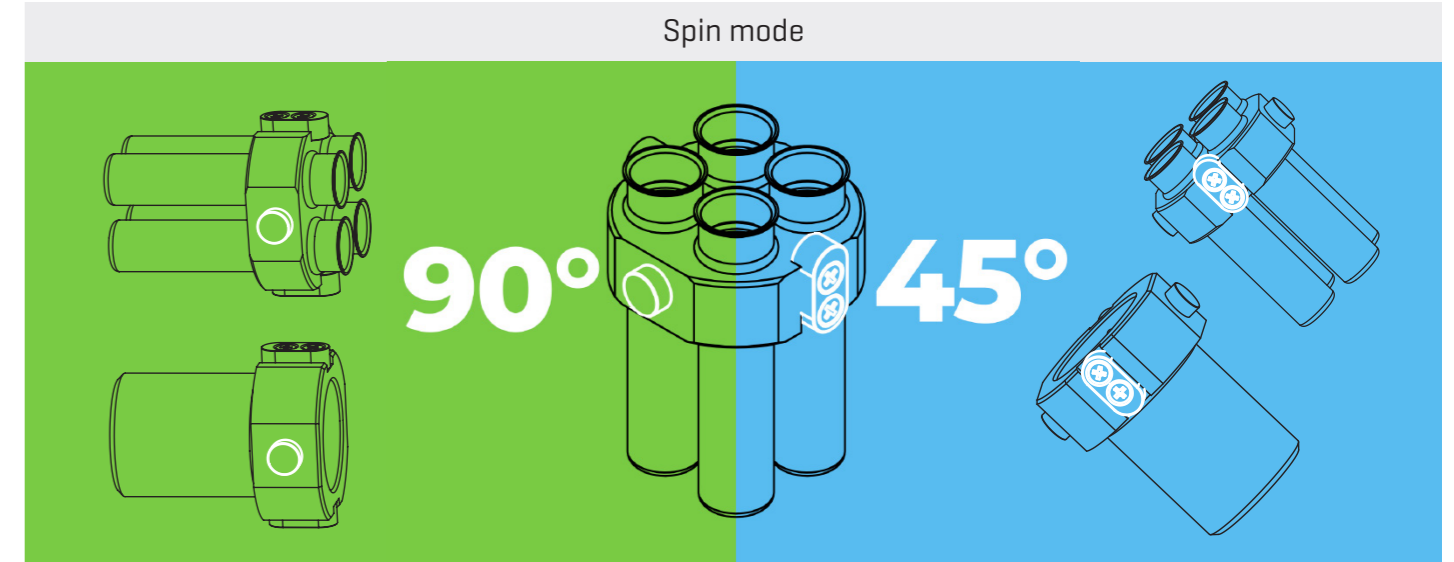
| Cat no. | Name | Tubes |
|-----------------|---|----------------------------|
| 12815C/A | Set 2 | |
| 12815 | Hybrid, swing-out and angle rotor | |
| 13815 | Hanger 4 x 15ml (complete with buckets 13080) | Falcon®, BD CPT® |
| 14082 | Round carrier without bottom | closed systems |
| 14815 | Pad under | closed systems, urine tube |




| Cat no. | Name | Tubes |
|-----------------|-----------------------------------|------------------------|
| 12815C/B | Set 3 | |
| 12815 | Hybrid, swing-out and angle rotor | |
| 13816 | Bucket 50 ml/60ml | Falcon®, PRP |
| 14816 | Pad under | PRP |
| 14817 | Round carrier 50ml | Falcon®, Greiner®, PRP |
| 14818 | Pad under 50ml | Falcon®, Greiner® |
| 14820 | Round carrier 15ml | Falcon® |













Choice between RPM and RCF



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| | S-LINE | | | | M-LINE | | | | |
|---|---|---|---|---|---|--|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| | MPW-54 | MPW-55 | MPW-56 | MPW-150R | M-BASIC | M-UNIVERSAL | M-DIAGNOSTIC | M-SCIENCE | MPW-260 |
|  | 120 ml | 48 ml | 120 ml | 90 ml | 120 ml / PRP | 500 ml | 500 ml | 100 ml | 500 ml |
| RCF max. | 1 137, 3 122 x g | 15 279 x g | 3 341 x g | 21 382 x g | 2 469 x g | 24 270 x g | 4 830 x g | 24 270 x g | 24 270 x g |
| RPM max. | 3 500, 5 800 | 14 500 | 6 000 | 15 000 | 4 000 | 18 000 | 6 000 | 18 000 | 18 000 |
|  | - | - | - | -20°C ÷ +40°C | - | - | - | - | - |
| Number of rotors (angle swing-out) | 3/0 | 3/1 | 4/0 | 7/1 | 1 | 19/4 | 8/5 | 8/1 | 19/3 |
| Rotor auto-recognition | - | - | - | • | - | • | • | • | • |
| Language | EN | EN | EN | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | EN | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ |
| Cover tightening | - | - | - | - | - | - | - | - | - |
| User programs | - | 9 | - | 100 | 5 | 100 | 100 | 100 | 100 |

| | M-LINE | | L-LINE | | | | XL-LINE | |
|---|--|--|--|--|--|--|--|--|
| |  |  |  |  |  |  |  |  |
| | MPW-260R | MPW-260RH | MPW-351e | MPW-352 | MPW-352R | MPW-352RH | MPW-380 | MPW-380R |
|  | 500 ml | 500 ml | 800 ml | 1 000 ml | 1 000 ml | 1 000 ml | 3 000 ml | 3 000 ml |
| RCF max. | 24 270 x g | 24 270 x g | 3 509 x g | 29 703 x g | 30 065 x g | 30 065 x g | 31 876 x g | 31 876 x g |
| RPM max. | 18 000 | 18 000 | 4 500 | 18 000 | 18 000 | 18 000 | 18 000 | 18 000 |
|  | -20°C ÷ +40°C | -20°C ÷ +55°C | - | - | -20°C ÷ +40°C | -20°C ÷ +55°C | - | -20°C ÷ +40°C |
| Number of rotors (angle swing-out) | 19/3 | 19/3 | 4/3 | 27/7 | 27/7 | 27/7 | 13/4 | 13/4 |
| Rotor auto-recognition | • | • | - | • | • | • | • | • |
| Language | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | EN | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ | PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ |
| Cover tightening | - | - | - | • | • | • | • | • |
| User programs | 100 | 100 | - | 100 | 100 | 100 | 100 | 100 |



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