

M-BASIC



NEW

HYBRID SWING-OUT AND ANGLE ROTOR

90°
/
45°

BASIC



PROGRAM RPM/RCF **2500**

TIME

COVER

PROGRAM

SAVE

2 40

12 6



START

STOP



SHORT

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

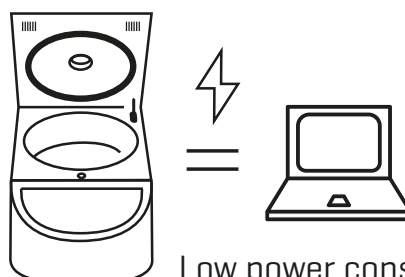
stainless steel rotor chamber

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.

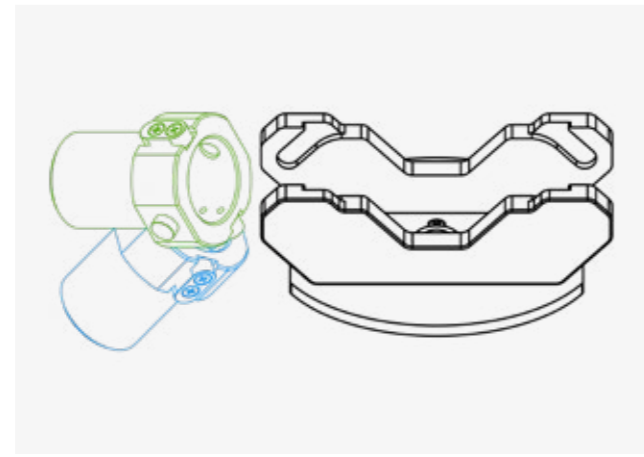
Its advantage is a unique rotor that combines the features of traditional angel and horizontal rotors. The revolutionary design allows to spin at 45° and 90° without changing the rotor, only by repositioning the buckets.

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.

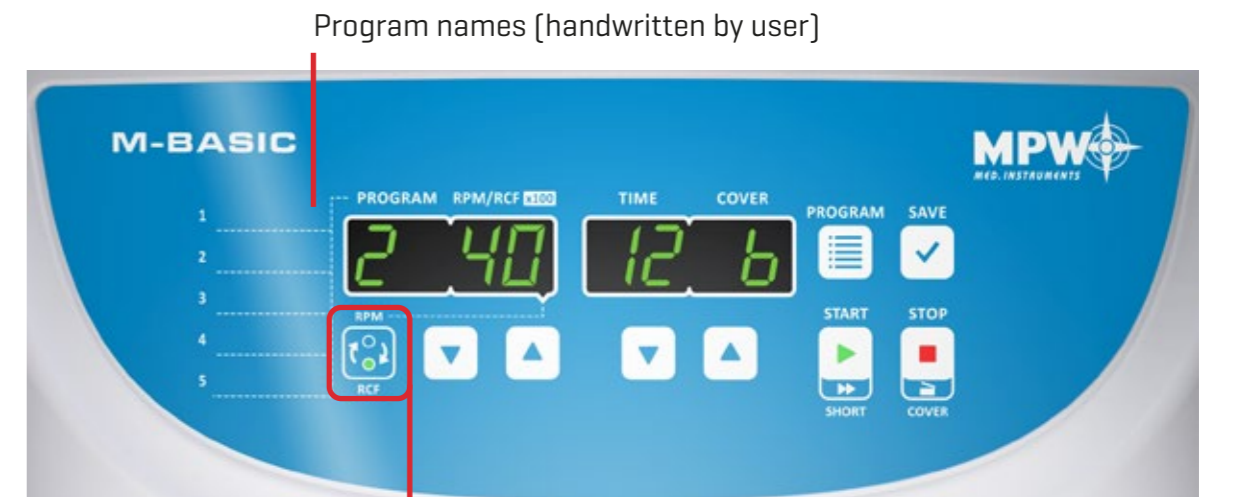
M-BASIC				
	230V 50/60Hz 120V 50/60Hz [option 100, 110, 127V 50/60Hz]			
	120 W			
	8 x 15 ml 2 x 50 ml 2 x 60 ml PRP			
	4 000 RPM, step 1 RPM			
RCF max.	2 469 x g			
	1s ÷ 99min [step 1min], ∞ [HOLD]			
	300 x 365 x 450mm [HxWxD] 572mm height with open lid			
	21/23kg [230V/120V]			
Cat. No.	102MB/2-56 [230V 50/60Hz] 102MB/1-56 [120V 50/60Hz]			



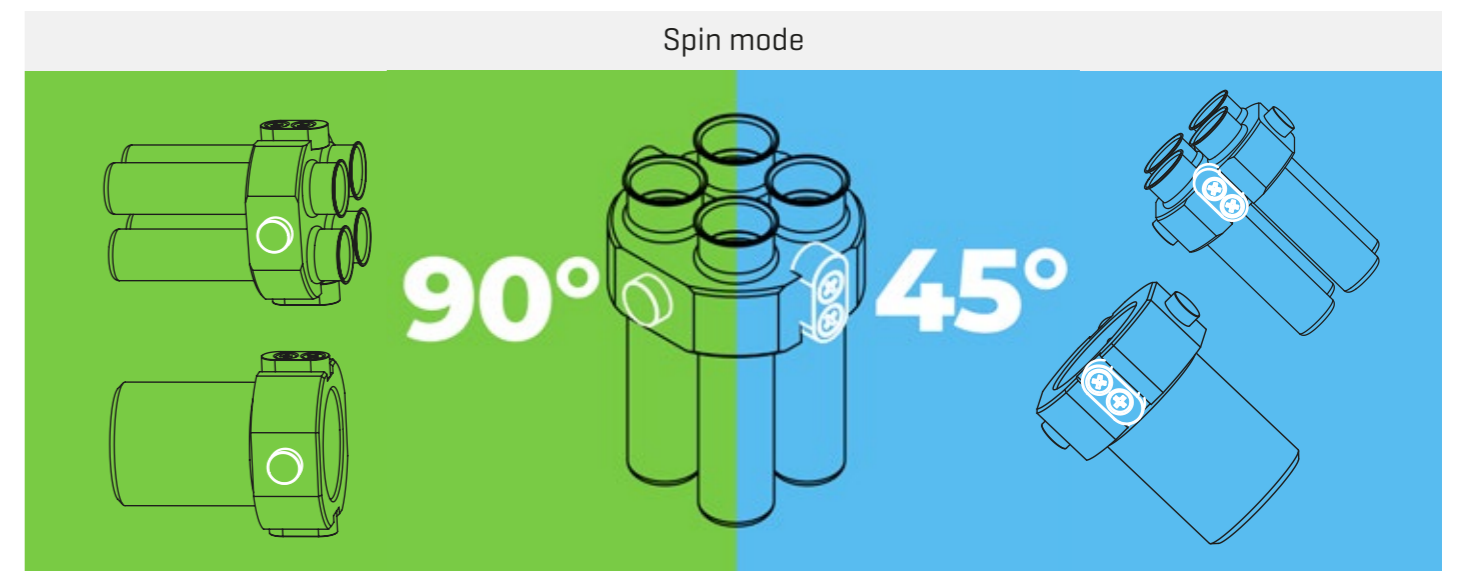
⏱	RCF	CONTAINER	INSERT	in ml
4 000	2 469	13815	-	8 x 15; 2 x 50; 2 x 60 PRP
			14082	
		13816	-	
			14817	
			14820	

Ø x L in mm	BLOOD COLLECTION TUBES													URINE TUBES						PRP TUBES			UNIVERSAL TUBES										SPECIAL PURPOSE TUBES			GLASS TUBES												
	16 x 100	16 x 100	13 x 100	13 x 100	13 x 75	13 x 75	16 x 82	15 x 82	13 x 80	15 x 75	11 x 82	13 x 75	13 x 65	11 x 66	16 x 105	16 x 105	16 x 105	16 x 100	16 x 100	15 x 100	15 x 100	13 x 100	13 x 75	13 x 75	16 x 117	30 x 115	30 x 115	17 x 120	17 x 120	16 x 120	16 x 113	16,8 x 113,7	16 x 106	16 x 81,5	17 x 70	11,5 x 92	12 x 85	16 x 125	13 x 100		16 x 100	12 x 100	12 x 75					
	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	8,5	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	
	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	8	8	
																									2				2	2	2																	












Cat no.	Name	Tubes	
12815C	Set 1	4 x 15ml, 2 x 50ml / PRP	
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®	
12815C/A	Set 2	4 x 15ml	
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	
12815C/B	Set 3	2 x 50ml / PRP	
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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