

MPW-260

MPW-260R

MPW-260RH



PDF



v.3



FEATURES

effective ventilation system [MPW-260]

with cooling [MPW-260R]

with cooling and heating [MPW-260RH]

temperature +4°C ensured for maximum speed of each rotor [MPW-260R; MPW-260RH]

delayed start function

start when preselected temperature is reached [MPW-260R; MPW-260RH]

initial cooling without/with centrifuging, cooling after centrifuging, precise temperature stabilization [MPW-260R; MPW-260RH]

maintenance-free induction motor

modern software system

large graphic LCD [MPW-260RH] - blanking the screen after a period of inactivity

preselected and real values of speed, RCF, time shown on the display at the same time [MPW-260]

preselected and real values of speed, RCF, time and temperature shown on the display at the same time [MPW-260R; MPW-260RH]

100 user programs

10 acceleration/deceleration curves

programming of multi-section acceleration/deceleration curves

RPM/RCF adjustment

two modes of time calculation: from start key pressing or from reaching preselected speed

continuous operation mode - HOLD

SHORT time operation mode

manual centrifugal radius adjustment [with automatic RCF correction]

possibility of changing of parameters during centrifuging

automatic rotor identification

automatic lid opening

centrifuging parameters recording - MPW Editor - PC computer [USB]

menu language setting [PL, EN, ES, IT, PT, DE, RU, SE, FR, CZ]

selected functions blocking, password protection

manual adjustment of density of samples > 1,2g/cm³ [with automatic maximum speed correction]

stainless steel rotor chamber

SAFETY

unbalance sensor

lid locking during rotor running

start blocking at opened lid

emergency lid lock release

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



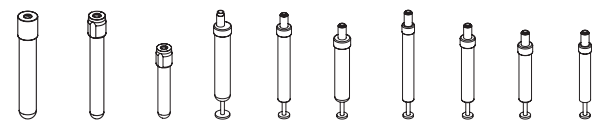
	MPW-260	MPW-260R	MPW-260RH
	230V 50/60Hz; 120V 50/60Hz (option 100, 110, 127V 50/60Hz)	230V 50Hz; 230V 60Hz; 120V 60Hz (option 100, 110, 127V 60Hz)	230V 50Hz; 120V 60Hz (option 100, 110, 127V 60Hz)
	250 W	600 W	800 W
	500 ml	500 ml	500 ml
	90 ÷ 18 000 RPM, step 1RPM	90 ÷ 18 000 RPM, step 1RPM	90 ÷ 18 000 RPM, step 1RPM
RCF max.	24 270 x g, step 1 x g	24 270 x g, step 1 x g	24 270 x g, step 1 x g
	1s ÷ 99h 59min 59s + -, step 1s	1s ÷ 99h 59min 59s + ∞, step 1s	1s ÷ 99h 59min 59s + ∞, step 1s
	315 x 365 x 495mm [HxWxD]	315 x 365 x 660mm [HxWxD]	315 x 365 x 660mm [HxWxD]
	-	(-20°C ÷ +40°C¹), step 1°C	(-20°C ÷ +55°C¹), step 1°C
	22,5/24,6kg [230V/120V]	42,2/44,3kg [230V/120V]	43,9/46,1kg [230V/120V]
Cat. No.	10260/2-56 [230V 50/60Hz] 10260/1-56 [120V 50/60Hz]	10260R/2-5 [230V 50Hz] 10260R/2-6 [230V 60Hz] 10260R/1-6 [120V 60Hz]	10260RH/2-5 [230V 50Hz] 10260RH/1-6 [120V 60Hz]

MPW-260, MPW-260R and PW-260RH centrifuge is a family of universal, table, medium-sized centrifuges. The accuracy of setting high centrifugation parameters with the possibility of their registration, and the availability of high-speed angular rotors (RCF above 14,000 x g) and low-speed horizontal rotors (RCF below 6,300 x g), as well as the variety of accessories allow the centrifugation of samples from 0.2 ml to 100 ml (including hematocrit capillaries). Thus, centrifuges are used, among others, in blood preparatory procedures and urinalysis in medical and veterinary laboratories, in molecular biology for isolation, purification and evaluation of the quality of DNA and RNA nucleic acids in scientific and biochemical laboratories, for sludge dewatering in laboratories of environmental protection and sewage treatment plants, and many others.



automatic rotor
identification



	RCF			
18 000	24 270	12 x 2/1,5ml	11199	BLOOD COLLECTION TUBES
5 500	4 227	8 x 50ml Falcon®	11213	MICRO TUBES
14 000	19 064	12 x 5ml	11216	
6 000	4 226	10 x 15/10ml	11217	
15 100	21 158	24 x 2/1,5ml	11461	
14 000	18 188	36 x 2/1,5ml	11462	
4 500	3 011	30 x 15/10ml	11501	
14 000	15 339	10 x 10ml	11715	
14 000	15 338	4x8 x 0,2ml	11716	
6 300	5 014	4 x 100ml	11718	
5 500	4 058	12 x 15/10ml	11740	
6000	4 226	8 x 15/10ml	11741	
4 500	2 717	12 x 30/25ml	11743	
4 500	2 830	10 x 50ml	11744	
5 000	3 354	24 x 15/10ml	11745	
6 000	4 427	6 x 50ml	11746	
14 600	20 257	24 x 2ml	11760	
12 000	13 684	20 x 1,8ml	11943	
12 000	13 684	12 x 5ml	11944	
4 000	2 504	4 x 100ml	12200	
3 000	916	2x1 MTP	12218	
13 000	16 816	24 capillaries 75mm	12300	

																									
Universal Tubes																	Special Purpose Tubes			Glass Tubes					
30 x 117	17 x 120	28 x 102, 28.8 x 106.7	25.5 x 94.3	25.4 x 103.2	25.4 x 101.8	16 x 113	16 x 81.5	25 x 94	30 x 115	45.2 x 103.7	25.5 x 94	16.8 x 113.7; 16 x 106	16 x 100	17 x 70	11.5 x 92	12 x 85	1.4 x 75 capillaries	86 x 128 x 15/17.5	b.d.	44 x 100; 35 x 100	25 x 100	16 x 100	12 x 100	12 x 75	
Falcon®	Falcon®	Nalgene®	Nalgene®	Nalgene®	Nalgene®	Nalgene®	Nalgene®	Sterilin® Skirted	skirted type	plastic type	plastic type	plastic type	plastic type	plastic type	plastic type	plastic type	capillaries	MTP	Arthrex ACP®						
50	15	50	30	30	28	15	10	30	50	100	30	14", 10	13	10	6	5	0.04	28.8	15	100, 50	25	10	7	5	
8	8	8	8	8	8	8					8	8			8	8					8	8	8	8	
																12									
	10					10	10					10		10	10							10	10	10	
		30				30	30					30		30	30							30	30	30	
														10											
4	4	4	4	4					4	4										4	4				
	12					12	12					12		12	12							12	12	12	
	8					8	8					8		8	8							8	8	8	
				12		12					12	12													
10	10	10	10	10	10	10					10	10			10	10					10	10	10	10	
	24					24	24					24		24	24							24	24	24	
6	6	6	6	6	6	6					6	6			6	6					6	6	6	6	
4	4	4	4	4	4	8	28, 20	4	4	4	4	28, 20, 8	20	20	48, 32, 8	48, 32		2		4	4	28, 20, 8	48, 32, 8	48, 32	
																	24								

¹ Time and possibility of obtaining a set temperature is dependent on multiple factors, including: established RPM, rotor type, ambient temperature.

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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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