

MPW-352

MPW-352R

MPW-352RH



PDF



v.2



FEATURES

- effective ventilation system [MPW-352]
- with cooling [MPW-352R]
- with cooling and heating [MPW-352RH]
- temperature +4°C ensured for maximum speed of each rotor [MPW-352R, MPW-352RH]
- delayed start function
- start when preselected temperature is reached [MPW-352R, MPW-352RH]
- initial cooling without/with centrifuging, cooling after centrifuging, precise temperature stabilization [MPW-352R, MPW-352RH]
- maintenance-free induction motor
- modern software system
- large graphic LCD - 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-352]
- preselected and real values of speed, RCF, time and temperature shown on the display at the same time [MPW-352R, MPW-352RH]
- 100 user programs
- 10 acceleration/deceleration curves
- programming of multi-section acceleration/deceleration curves
- RPM/RCF adjustment
- manual centrifugal radius adjustment [with automatic RCF correction]
- two modes of time calculation: from start key pressing or from reaching preselected speed
- continuous operation mode - HOLD
- SHORT time operation mode
- possibility of changing of parameters during centrifuging
- automatic rotor identification
- automatic lid opening
- motorised lid lock
- centrifuging parameters recording [USB port]
- menu language setting [PL, EN, ES, IT, PT, DE, RU, FR, SE, 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
- motor thermal protection

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



	MPW-352	MPW-352R	MPW-352RH
	230V 50/60Hz; 120 50/60Hz [option 100, 110, 127V 50/60Hz]	230V 50Hz; 230V 60Hz; 120 60Hz [option 100, 110, 127V 60Hz]	230V 50Hz; 230V 60Hz; 120 60H [option 100, 110, 127V 60Hz]
	600 W	980 W	980 W
	1 000 ml	1 000 ml	1 000 ml
	90 ÷ 18 000 RPM, step 1 RPM	90 ÷ 18 000 RPM, step 1 RPM	90 ÷ 18 000 RPM, step 1 RPM
RCF max.	29 703 x g, step 1 x g	30 065 x g, step 1 x g	30 065 x g, step 1 x g
	1s ÷ 99h 59min 59s + ∞, step 1s	1s ÷ 99h 59min 59s + ∞, step 1s	1s ÷ 99h 59min 59s + ∞, step 1s
	380 x 443 x 545mm [HxWxD]	380 x 443 x 695mm [HxWxD]	380 x 443 x 695mm [HxWxD]
	-	[-20°C ÷ +40°C ¹], step 1°C	[-20°C ÷ +55°C ¹], step 1°C
	41,8/45kg [230V/120V]	64,8/70,9kg [230V/120V]	65,7/71,8kg [230V/120V]
	10352/2-56 [230V 50/60Hz]	10352R/2-5 [230V 50Hz] 10352R/1-2 [230V 60Hz]	10352RH/2-5 [230V 50Hz] 10352RH/1-2 [230V 60Hz]

MPW-352, MPW-352R and MPW-352RH centrifuge is a family of high-performance, most versatile, table top laboratory centrifuges that offer the largest range of available rotors and other items of equipment [containers, reduction inserts, consumables]. High-speed angular rotors [RCF up to 30,065 x g], low-speed angular and horizontal rotors [RCF below 6,300 x g], specialized rotors [cyto for the preparation of cytodiagnostic preparations], hematocrit and titration rotors, the variety in the number [up to 36 pieces], as well as the capacity [from 0.2 ml to 250 ml] of centrifuged tubes and centrifugation vessels available on the market, in one process, make centrifuges widely used and irreplaceable in laboratories of many branches: medicine, chemistry, science, biology, cosmetology, experimental molecular cuisine, food industry, environmental protection, and others. Devices ensure high centrifugation parameters, precision [accuracy of parameter setting, to "1"], and thus repeatability of the entire sample preparation process for further specialized tests.

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

S-LINE				M-LINE				
	MPW-54	MPW-55	MPW-56	MPW-150R	M-BASIC	M-UNIVERSAL	M-DIAGNOSTIC	MPW-260
RCF max.	120 ml	48 ml	120 ml	90 ml	120 ml / PRP	500 ml	500 ml	100 ml
RPM 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
	3 500, 5 800	14 500	6 000	15 000	4 000	18 000	6 000	18 000
Number of rotors [angle swing-out]	-	-	-	-20°C ÷ +40°C	-	-	-	-
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
Cover tightening	-	-	-	-	-	-	-	-
User programs	-	9	-	100	5	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
RCF max.	500 ml	500 ml	800 ml	1 000 ml	1 000 ml	1 000 ml	3 000 ml	3 000 ml
RPM 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
	18 000	18 000	4 500	18 000	18 000	18 000	18 000	18 000
Number of rotors [angle swing-out]	-20°C ÷ +40°C	-20°C ÷ +55°C	-	-	-20°C ÷ +40°C	-20°C ÷ +55°C	-	-20°C ÷ +40°C
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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