

MPW-352

MPW-352R

MPW-352RH



PDF



v2

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

stainless steel rotor chamber

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 60Hz (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 [§]], step 1°C	[-20°C ÷ +55°C [§]], step 1°C
📊	41,8/45kg [230V/120V]	64,8/70,9kg [230V/120V]	65,7/71,8kg [230V/120V]
Cat. No.	10352/2-56 [230V 50/60Hz] 10352/1-56 [120 50/60Hz]	10352R/2-5 [230V 50Hz] 10352R/1-6 [230V 60Hz] 10352R/2-6 [120 60Hz]	10352RH/2-5 [230V 50Hz] 10352RH/1-6 [230V 60Hz] 10352RH/2-6 [120 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 cytodagnostic 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.

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

🌀	RCF
18 000	24 270
5 000	3 997
5 500	4 498
5 500	4 227
15 000	24 400
12 000	14 006
5 000	3 997
10 000	10 733
15 000	19 621
15 000	21 382
18 000	29 703
MPW-352=16 000 MPW-352R/RH=18 000	MPW-352=23 755 MPW-352R/RH=30 065
MPW-352=16 000 MPW-352R/RH=18 000	MPW-352=23 755 MPW-352R/RH=30 065
10 000	10 733
12 000	15 133
12 000	15 294
12 000	14 489
5 200	4 021
2 000	733
14 000	20 817
7 000	6 081
6 300	5 014
5 500	4 058
6 000	4 226
5 500	4 058
6 000	4 427
MPW-352=13 000 MPW-352R/RH=15 000	MPW-352=16 060 MPW-352R/RH=21 382
15 000	21 382
5 000	4 724
4 500	2 626
13 000	16 816
4800	4 405
5 200	4 414
3 000	1 036
2 500	769
3 200	1 809

	S-LINE				M-LINE			
								
	MPW-54	MPW-55	MPW-56	MPW-150R	M-UNIVERSAL	M-DIAGNOSTIC	M-SCIENCE	MPW-260
	120 ml	48 ml	120 ml	90 ml	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	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	18 000	6 000	18 000	18 000
	-	-	-	-20°C + +40°C	-	-	-	-
Number of rotors (angleswing-out)	3/0	4/0	5/0	8/0	20/5	9/7	9/0	19/4
Rotor auto-recognition	-	-	-	•	•	•	•	•
Language	EN	EN	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	-	9	-	100	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 (angleswing-out)	19/4	19/4	2/2	25/6	25/6	25/6	13/3	13/3
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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