

SMART
RUNNER



MIKRO 120
Microlitre Centrifuge

MIKRO 120

A simple press of the start key and within seconds, the MIKRO 120 reaches top performance levels. The smart runner processes samples reliably and securely, and is then immediately ready for the next run. It is so compact that it easily fits into the smallest space on the laboratory table.

Its high-performance motor with maintenance-free frequency drive makes for outstanding durability you can count on for years to come.

USER-FRIENDLINESS

- Quick-entry foil keypad
 - Easy-to-read, digital display
 - Display of current parameter values
 - Impulse key for short centrifuging
 - Open lid key
- Easy entry of the parameters
 - RPM in increments of 100
 - Running time in minutes, max. 99 min.

SAFETY

- Lid locking and holding
- Emergency lid lock release
- Motor overheating protection
- Imbalance switch-off
- Standstill indication

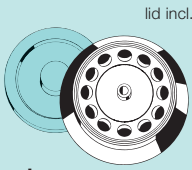








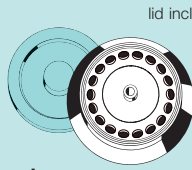






MIKRO 120

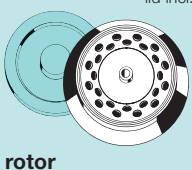






Cat. No. 1204

ROTORS AND ACCESSORIES

Angle rotor, 12-place	Angle rotor, 18-place	Angle rotor, 24-place, 2-row
		
∠ 45°	∠ 45°	∠ 52,5° (inner row) ∠ 40° (outer row)
n = 14,000 min ⁻¹ max. RCF 15,558	n = 14,000 min ⁻¹ max. RCF 15,996	n = 14,000 min ⁻¹ max. RCF 17,530
Cat. No. 1212	Cat. No. 1218	Cat. No. 1224

capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
Cat. No.	-	-	-	-	2078	0536
 rotor Cat. No. 1212						
Cat. No.	2024	2023			2031¹⁾	-
boring ∅ x L in mm	6 x 40	8 x 40			10.2 x 19	11.2 x 41
tubes per rotor	12					
max. RCF	15,558					
radius in mm	71					
run-up in sec	20					
run-down in sec	☐ 25 ☉ 243					

capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
Cat. No.	-	-	-	-	2078	0536
 rotor Cat. No. 1218						
Cat. No.	2024	2023			2031¹⁾	-
boring ∅ x L in mm	6 x 40	8 x 40			10.2 x 19	11.2 x 41
tubes per rotor	18					
max. RCF	15,996					
radius in mm	73					
run-up in sec	20					
run-down in sec	☐ 25 ☉ 360					


capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
Cat. No.	-	-	-	-	2078	0536
 rotor Cat. No. 1224						
Cat. No.	2024	2023			2031¹⁾	-
boring ∅ x L in mm	6 x 40	8 x 40			10.2 x 19	11.2 x 41
tubes per rotor	24					
max. RCF	17,530					
radius in mm	80					
run-up in sec	24					
run-down in sec	☐ 25 ☉ 394					

¹⁾ For centrifugation at high speeds, we recommend to use form-fitting, phenol-resistant adapters 2031.

MIKRO 120

TECHNOLOGY

MIKRO 120

Microlitre centrifuge, without rotor		
Power supply ^{*)}	208 – 240 V 1 ~	100 – 127 V 1 ~
Frequency	50 – 60 Hz	
Consumption	230 VA	
Emission	EN 55011 group 1, class B, EN 61000-3-2, EN 61000-3-3	FCC class B
Immunity	EN 61000-6-1	-
 Max. capacity		
	24 x 1.5/2.0 ml	
Max. RPM (speed)		
	14,000 min ⁻¹	
Max. RCF		
	17,530	
Running time	1 – 99 min, ∞ continuous run, short cycle mode (impulse key)	
Dimensions (HxWxD)	199 x 231 x 292 mm	
Weight	approx. 7 kg	
Cat. No.	1204	1204-01

^{*)} Other voltages on request.



Hettich centrifuges comply with all relevant EU standards in effect and conform to the European level of quality and safety for medical devices. Evidence is provided by national and international test marks such as IEC 61010 or the CE conformity. The ISO 9001:2000 and ISO 13485:2003 certificates accredited to the company bear witness to the extreme care and responsibility Hettich puts into the manufacturing of centrifuges and their accessories.

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