

MIKRO 185

Small footprint with unmatched capacity

The MIKRO 185 accommodates 12, 18 or 24 samples and is suitable for a wide range of tasks, thanks to a maximum RCF of 18,845 and a choice of 4 rotors. Spin column kits (minipreps) can also be used thanks to the special design of the 1213-A rotor.

— FEATURES

- RPM: 200 - 14,000 min^{-1} – Adjustable up to 10,000 RPM in increments of 10, above in increments of 100
- Max. RCF: 18,845
- Max. capacity: 24 x 2.0 ml
- Compact, high-performance microlitre centrifuge
- Choice of 4 rotors
- IVDR-conform according to regulation (EU) 2017/746
- Noise level of ≤ 54 dB (A) with rotor 1252-A
- Impulse button for short centrifugation
- 1 acceleration and 2 deceleration stages
- Easy operation with keypad

— FIELDS OF APPLICATION

- Hospitals
- Pediatric clinics
- Pharmaceutical laboratories
- Food analyzing laboratories
- University / Academic Research
- Forensic laboratories
- Paternity testing laboratories
- Blood centers
- PCR analytics



More information about the control panel can be found on [page 202](#)



according to regulation (EU) 2017/746

TECHNICAL DATA

MIKRO 185	
voltage *)	200 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	390 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	24 x 1.5 / 2.0 ml
max. RPM	14,000 min ⁻¹
max. RCF	18,845
running time	1 – 99 min: 59 s, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	261 x 353 x 228 mm
weight	approx. 11 kg
noise level	≤ 54 dB (A) with rotor 1252-A
Cat. No.	1203

100 – 127 V 1 ~ / 50–60 Hz	1203-01
emission, immunity	FCC class B

*) Other voltages on request.

AVAILABLE ROTORS

ANGLE ROTORS

	angle	max. RPM	max. capacity	Cat. No.	page
 angle rotor, 24-place	45°	14,000 min ⁻¹	24 x 2 ml	1226-A	36
 angle rotor, 12-place	45°	14,000 min ⁻¹	12 x 2 ml	1252-A	36
 angle rotor, 18-place	45°	14,000 min ⁻¹	18 x 2 ml	1258-A	37
 angle rotor, 18-place for spin column kits	45°	14,000 min ⁻¹	18 x 2 ml	1213-A	37

PRODUCT VIDEOS

Would you like to learn more about this product? Scan the QR Code to visit our YouTube channel:

www.youtube.com/hettichlabtechnology



— ANGLE ROTOR, 24-PLACE | 1226-A



Rotor	
max. RPM max. RCF	14,000 min ⁻¹ 18,845
max. capacity	24 x 2 ml
run up run down, braked in sec	15 15
angle max. noise level	45° 59 dB (A)
Cat. No.	1226-A

+ **Lid bioseal**⁵⁾ **Cat. No.** **INCLUSIVE**



Vessels	
capacity in ml	0.2 0.4 0.5 0.8 1.5 2.0 0.5
Ø x L in mm	6 x 18 6 x 45 8 x 30 8 x 45 11 x 38 11 x 38 10.7 x 46
max. RCF ²⁾	18,845 18,845 18,845 18,845 18,845 18,845 17,749
radius in mm	86 86 86 86 86 86 81
Cat. No.	microliter tubes Pediatric

Adapter	
boring Ø x L in mm	6 x 40 6 x 40 8 x 40 8 x 40 10,2x19,3 11,2x39 11,2x39
vessels per rotor	24 24 24 24 24 24 12
Cat. No.	2024 2024 2023 2023 2031⁷⁾ - 0788

— ANGLE ROTOR, 12-PLACE | 1252-A



Rotor	
max. RPM max. RCF	14,000 min ⁻¹ 15,558
max. capacity	12 x 2 ml
run up run down, braked in sec	15 15
angle max. noise level	45° 54 dB (A)
Cat. No.	1252-A

+ **Lid** **Cat. No.** **INCLUSIVE**




Vessels	
capacity in ml	0.2 0.4 0.5 0.8 1.5 2.0 0.5
Ø x L in mm	6 x 18 6 x 45 8 x 30 8 x 45 11 x 38 11 x 38 10.7 x 46
max. RCF ²⁾	15,558 15,558 15,558 15,558 15,558 15,558 14,462
radius in mm	71 71 71 71 71 71 66
Cat. No.	microliter tubes Pediatric

Adapter	
boring Ø x L in mm	6 x 40 6 x 40 8 x 40 8 x 40 10,2x19,3 11,2x39 11,2x39
vessels per rotor	12 12 12 12 12 12 12
Cat. No.	2024 2024 2023 2023 2031⁷⁾ - 0788


- 2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max.
- 5) Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.
- 7) For centrifugation at high speeds, we recommend to use conical, phenol-resistant adapters 2031.

— ANGLE ROTOR, 18-PLACE | 1258-A



Rotor	
max. RPM max. RCF	14,000 min ⁻¹ 16,654
max. capacity	18 x 2 ml
run up run down, braked in sec	15 15
angle max. noise level	45° 56 dB (A)
Cat. No.	1258-A


Lid	
Cat. No.	INCLUSIVE

Vessels						
capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
Ø x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
max. RCF ²⁾	16,654	16,654	16,654	16,654	16,654	16,654
radius in mm	76	76	76	76	76	76
Cat. No.	microliter tubes					Pediatric

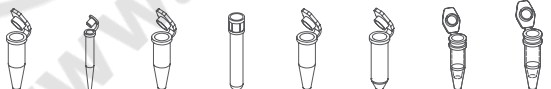
Adapter						
boring Ø x L in mm	6 x 40	6 x 40	8 x 40	8 x 40	10,2x19,3	10,2x19
vessels per rotor	18	18	18	18	18	9
Cat. No.	2024	2024	2023	2023	2031⁷⁾	0788

— ANGLE ROTOR, 18-PLACE | 1213-A



Rotor	
max. RPM max. RCF	14,000 min ⁻¹ 16,654
max. capacity	18 x 2 ml
run up run down, braked in sec	16 15
angle max. noise level	45° 57 dB (A)
Cat. No.	1213-A

Lid bioseal⁵⁾	
Cat. No.	INCLUSIVE

Vessels							
capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0	2.0
Ø x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38	11 x 38
max. RCF ²⁾	16,654	16,654	16,654	16,654	16,654	16,654	16,654
radius in mm	76	76	76	76	76	76	76
Cat. No.	microliter tubes					micro spin columns	

Adapter						
boring Ø x L in mm	6 x 40	6 x 40	8 x 40	8 x 40	10,2x19,3	10,2x19,3
vessels per rotor	18	18	18	18	18	18
Cat. No.	2024	2024	2023	2023	2031⁷⁾	2031⁷⁾

- 2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers.
- 5) Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.
- 7) For centrifugation at high speeds, we recommend to use conical, phenol-resistant adapters 2031.



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