

Microlitre centrifuge

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 four rotors. Spin column kits (minipreps) can also be used thanks to the special design of the 1213-A rotor.



■ Highlights

- 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
- easy operation with keypad

■ Features

- plastic housing
- metal lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- light alloy chamber
- brushless drive
- error display
- imbalance monitoring and switch-off
- backlit panel with actual values of all parameters
- 3 adjustable messages after completion of the centrifugation run (audio + visual)

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	3
	angle rotor, 12-place	45°	14,000 min ⁻¹	12 x 2 ml	1252-A	3
	angle rotor, 18-place	45°	14,000 min ⁻¹	18 x 2 ml	1258-A	4
	angle rotor, 18-place for spin column kits	45°	14,000 min ⁻¹	18 x 2 ml	1213-A	4

Angle rotor, 24-place | 1226-A

Rotor		Lid bioseal ⁵⁾	
max. RPM max. RCF	14,000 min ⁻¹ 18,845	Cat. No.	INCLUSIVE
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		



	microliter tubes						Pediatric
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
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		Lid	
max. RPM max. RCF	14,000 min ⁻¹ 15,558	Cat. No.	INCLUSIVE
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		



	microliter tubes						Pediatric
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
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		Lid	
max. RPM max. RCF	14,000 min ⁻¹ 16,654	Cat. No.	INCLUSIVE
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		



	microliter tubes						Pediatric
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⁾	16,654	16,654	16,654	16,654	16,654	16,654	15,558
radius in mm	76	76	76	76	76	76	71
Adapter							
boring Ø x L in mm	6 x 40	6 x 40	8 x 40	8 x 40	10,2x19,3	10,2x19	11,2x39
vessels per rotor	18	18	18	18	18	18	9
Cat. No.	2024	2024	2023	2023	2031⁷⁾	-	0788

Angle rotor, 18-place | 1213-A

Rotor		Lid bioseal⁹⁾	
max. RPM max. RCF	14,000 min ⁻¹ 16,654	Cat. No.	INCLUSIVE
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		



	microliter tubes						micro spin columns
Vessels							
capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0	1.5
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
Adapter							
boring Ø x L in mm	6 x 40	6 x 40	8 x 40	8 x 40	10,2x19,3	11,2x39	10,2x19,3
vessels per rotor	18	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.

Certifications / Registrations

Product certification:



Product registration:



Company certifications:



Dimensions

