

Benchtop centrifuge

ROTOFIX 32 A (Medical Device)

Rugged and indispensable

The ruggedly built ROTOFIX 32 A benchtop centrifuge is a medical device used for separating whole blood or blood components of human origin. The ROTOFIX 32 A delivers convincing performance thanks to its high capacity and the versatility of its rotor selection.



■ Highlights

- RPM: 500 - 6,000 min⁻¹ – adjustable in increments of 100
- Max. RCF: 3,904
- Max. capacity: 8 x 50 ml
- Choice of 9 rotors
- IVDR-conform according to regulation (EU) 2017/746
- Easy operation with keypad
- 2 individual deceleration stages

■ Features

- metal housing and lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- automatic rotor recognition
- brushless drive
- error display
- imbalance monitoring and switch-off
- control panel with actual values of all parameters
- auditory message after completion of the centrifugation run

Technical data

ROTOFIX 32 A (MD)	
voltage *)	208 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	300 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	8 x 50 ml
max. RPM	6,000 min ⁻¹
max. RCF	3,904
running time	1–99 min, ∞ continuous run, short cycle mode (impulse button)
dimesions (WxDxH)	366x430x257 mm
weight	approx. 23 kg
noise level	53 dB (A) with rotor 1418
Cat. No.	1207
100 – 127 V 1 ~ / 50 – 60 Hz *)	1207-01
emission, immunity	FCC class B

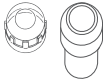
*) Other voltages on request.

Available rotors

SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No.	page
	Swing-out rotor, 4-place	90°	4,000 min ⁻¹	16x10 ml	1624	3
	Swing-out rotor, 4-place	90°	4,000 min ⁻¹	16x10 ml	1324	3
ANGLE ROTORS						
	Angle rotor, 8-place	45°	4,000 min ⁻¹	8 x 50 ml	1418	4
	Angle rotor, 6-place	35°	6,000 min ⁻¹	6x10ml	1620A	4

Swing-out rotor, 4-place | 1624

Rotor	
max. RPM max. RCF	4,000 min ⁻¹ 2,665
max. capacity	16x10 ml
run-up run-down, braked in sec	22 25
angle max. noise level	90° 55 dB (A)
Cat. No.	1624

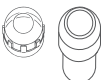
Bucket	
Lid bioseal ⁵⁾	1492
Cat. No.	1481



	tubes / kits							
Vessels								
capacity in ml	4-5.5	4.5-5	4.9	7.5-8.2	7.5-8.2	9-10	10	8.5-10
Ø x L in mm	15 x 75	11 x 92	13 x 90	15 x 92	15 x 92	16 x 92	15 x 102	16 x 100
max. RCF ²⁾	2,576	2,558	2,558	2,576	2,576	2,540	2,665	2,451
radius in mm	144	143	143	142	142	142	149	137
Adapter								
boring Ø x L in mm	15.6x47	13.4x48	13.4x48	15.6x47	17.6x91	17.6x91	17.6x91	17.6x71,5
vessels per rotor	16	20	20	16	16	16	16	4
Cat. No.	1459	1383	1383	1459	1329	1329	1329	1369⁴⁾

Swing-out rotor, 4-place | 1324

Rotor	
max. RPM max. RCF	4,000 min ⁻¹ 2,630
max. capacity	16x10 ml
run-up run-down, braked in sec	27 30
angle max. noise level	90° 55 dB (A)
Cat. No.	1324

Bucket	
Lid bioseal ⁵⁾	1492
Cat. No.	1490



	tubes / kits							
Vessels								
capacity in ml	1.1-1.4	2.6-3.4	4.9	2.7-3	4.5-5	4-5.5	7.5-8.2	9-10
Ø x L in mm	8 x 66	13 x 65	13 x 90	11 x 66	11 x 92	15 x 75	15 x 92	16 x 92
max. RCF ²⁾	2,540	2,522	2,522	2,522	2,522	2,540	2,540	2,504
radius in mm	142	141	141	141	141	142	142	140
Adapter								
boring Ø x L in mm	9x47	13.4x48	13.4x48	13.4x48	13.4x48	15.6x47	15.6x47	17.6x91
vessels per rotor	28	20	20	20	20	16	16	16
Cat. No.	1457	1383	1383	1383	1383	1459	1459	1329

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 TÜV in conformity with DIN EN 61010, section 2-020.

20) Vacutainers made of glass may not be used.

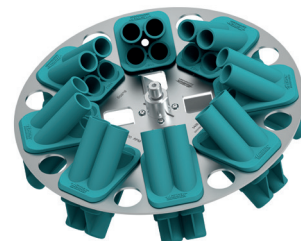
Angle rotor, 8-place | 1418



Rotor

max. RPM max. RCF	4,000 min ⁻¹ 2,683
max. capacity	8x50 ml
run-up run-down, braked in sec	36 43
angle max. noise level	45° 53 dB (A)

Cat. No. **1418**



Vessels

	1.1–1.4	2.6–3.4	2.7–3	9–10	1.6–5	10	50
capacity in ml	8 x 66	13 x 65	11 x 66	16 x 92	13 x 75	16 x 100	29 x 107
Ø x L in mm	2,182	2,182	2,182	2,540	2,182	2,683	2,486
max. RCF ²⁾	122	122	122	142	122	150	139
radius in mm	122	122	122	142	122	150	139



Carrier

	+ 1054-A	+ 1054-A	+ 1054-A	+ 0716	+ 1054-A	+ 0716	+ E2110-A
boring Ø x L in mm	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	30.2 x 92
vessels per rotor	32	32	32	32	32	32	8

Cat. No. **1467** **1467** **1467** **1467** **1467** **1467** **1468**

Angle rotor, 6-place | 1620A



Rotor

max. RPM max. RCF	6,000 min ⁻¹ 3,904
max. capacity	6x10 ml
run-up run-down, braked in sec	19 22
angle max. noise level	35° 53 dB (A)

Cat. No. **1620A**



Vessels

	7.5–8.2	9–10	10	8.5–10
capacity in ml	15 x 92	16 x 92	15 x 102	16 x 100
Ø x L in mm	3,904	3,904	3,904	3,904
max. RCF ²⁾	97	97	97	97
radius in mm	97	97	97	97



Adapter

	17.5 x 92	17.5 x 92	17.5 x 92	17.5 x 92
boring Ø x L in mm	17.5 x 92	17.5 x 92	17.5 x 92	17.5 x 92
vessels per rotor	6	6	6	6

Cat. No. **1451** **1451** **1451** **1451**

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.

Certifications / Registrations

Product certification:



Product registration:



Company certifications:



Dimensions

