

SMALL CENTRIFUGES

EBA 270

SUPERIOR SEPARATION RESULTS IN MEDICAL APPLICATIONS

The EBA 270 is a small centrifuge with a swing-out rotor that has been developed specifically for use in clinical settings. It can centrifuge the blood tubes and urine tubes up to 15 ml in volume at a maximum speed of 4,000 RPM / 2,254 RCF. Its 90° rotor is ideally suited for spinning blood tubes containing a separating gel.



HIGHLIGHTS

- max. RPM: 500 - 4,000 min⁻¹
Adjustable in increments of 100
- max. RCF: 2,254
- max. capacity: 6 x 15 ml
- small centrifuge including 6-place swing-out rotor
- compact design
- IVD-conform according to directive 98/79/EC
- maximum noise level of ≤ 51 dB(A)
- impulse key for short cycle mode
- 2 individual deceleration stages
- easy operation with keypad

FEATURES

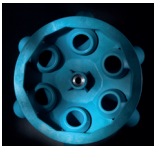
- plastic housing
- metal lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- brushless drive
- error display
- imbalance switch-off
- backlit panel with actual values of all parameters
- audio message after completion of the centrifugation run

TECHNICAL DATA

EBA 270	
voltage *)	200 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	130 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	6 x 15 ml
max. RPM	4,000 min ⁻¹
max. RCF	2,254
running time	1 – 99 min, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	326x389x239 mm
weight	approx. 14 kg
max. noise level	≤ 51 dB (A)
Cat. No.	2300
100 – 127 V 1 ~ / 50–60 Hz	2300-01
consumption	125 VA
emission, immunity	FCC class B

*) Other voltages on request.

AVAILABLE ROTORS

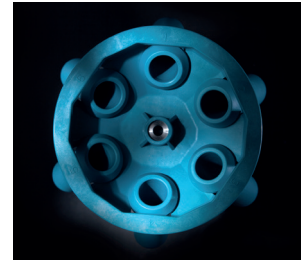
SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No	page
	swing-out rotor, 6-place	90°	4,000 min ⁻¹	6 x 15 ml	INCLUSIVE	3

SWING-OUT ROTOR, 6-PLACE



Rotor

max. RPM max. RCF	4,000 min ⁻¹ 2,254
max. capacity	6 x 15 ml
run up run down, braked in sec	10 22
angle max. noise level	90° 51 dB (A)
Cat. No.	INCLUSIVE



Vessels

capacity in ml	0.5	0.5	1.5	1.5	2	2	4	5	6	15	1.1 – 1.4	2.6 – 3.4	2.7 – 3	4 – 5.5	4.5 – 5	
Ø x L in mm	10.7 x 36	10.7 x 36	11 x 38	11 x 38	11 x 38	11 x 38	10 x 88	12 x 75	12 x 82	17 x 100	8 x 66	13 x 65	11 x 66	15 x 75	11 x 92	
max. RCF ²⁾	1,359	1,359	1,377	1,377	1,377	1,377	2,254	1,807	1,807	2,254	1,807	1,807	1,807	2,254	2,254	
radius in mm	76	76	77	77	77	77	126	101	101	126	101	101	101	126	126	
Cat. No.	Pediatric		microliter tubes				tubes²⁾				blood collection / urine tubes					
	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6										



Adapter

boring Ø x L in mm	11 x 35	11 x 35	11 x 35	11 x 35	11 x 35	11 x 35	17.5 x 80	17.5 x 55	17.5 x 55	17.5 x 80	17.5 x 55	17.5 x 55	17.5 x 55	17.5 x 80	17.5 x 80
vessels per rotor	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Cat. No.	2331	2333	2331	2333	2331	2333	2331	2333	2333	2331	2333	2333	2333	2331	2331

Vessels

capacity in ml	4.9	7.5 – 10	10	1.6 – 7	4-7	8.5 – 10	12
Ø x L in mm	13 x 90	15/16 x 75	15 x 102	13/16 x 75	13 x 100	16 x 100	17 x 102
max. RCF ²⁾	2,254	2,254	2,254	1,807	2,254	2,254	2,254
radius in mm	126	126	126	101	126	126	126
Cat. No.	blood collection / urine tubes						



Adapter

boring Ø x L in mm	17.5 x 80	17.5 x 80	17.5 x 80	17.5 x 55	17.5 x 80	17.5 x 80	17.5 x 80
vessels per rotor	6	6	6	6	6	6	6
Cat. No.	2331	2331	2331	2333	2331	2331	2331

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. RCF for glass tubes annotated with footnote 2) is 4,000.

CERTIFICATES / REGISTRATIONS



DOWNLOADS

[↓ Operating Manual – EBA 270](#)

[↓ Complete Range Catalogue](#)

DIMENSIONS – EBA 270

