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 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
- IVDR-conform according to regulation (EU) 2017/746
- maximum noise level of ≤ 51 dB(A)
- impulse key for short cycle mode
- 2 individual deceleration stages
- easy operation with keypad

FEATURES

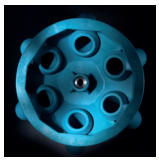
- plastic housing
- metal lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- brushless drive
- error display
- imbalance switch-off
- backlit panel with actual values of all parameters
- audio message after completion of 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 (W x D x H)	326 x 400 x 239 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

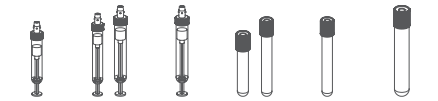
SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No	page
	swing-out rotor, 6-place	90°	4,000 min^{-1}	6 x 15 ml	**INCLUSIVE**	3

SWING-OUT ROTOR, 6-PLACE

Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,254
max. capactiy	6 x 15 ml
run up I run down, braked in sec	10 I 22
angle I max. noise level	90° I 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 46	10.7 x 46	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**				**tubes [2]**				**blood collection / urine tubes**				
	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6	+ 1063-6									

Adapter															
boring Ø x L in mm	17.5 x 80	17.5 x 55	17.5 x 80	17.5 x 55	17.5 x 80	17.5 x 55	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.	**2331-6**	**2333-6**	**2331-6**	**2333-6**	**2331-6**	**2333-6**	**2331-6**	**2333-6**	**2333-6**	**2331-6**	**2333-6**	**2333-6**	**2333-6**	**2331-6**	**2331-6**



Vessels						
capacity in ml	4.9	7.5 – 10	10	1.6 – 7	4 – 7	8.5 – 10
Ø x L in mm	13 x 90	15/16x92	15 x 102	13/16x75	16 x 75	16 x 100
max. RCF [2]	2,254	2,254	2,254	1,807	1.807	2,254
radius in mm	126	126	126	101	101	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	17,5x55	17.5 x 80
vessels per rotor	6	6	6	6	6	6
Cat. No.	**2331-6**	**2331-6**	**2331-6**	**2333-6**	**2333-6**	**2331-6**

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.

CERTIFICATIONS / REGISTRATIONS

Product certification:

www.tuev-sued.de/ps-zert

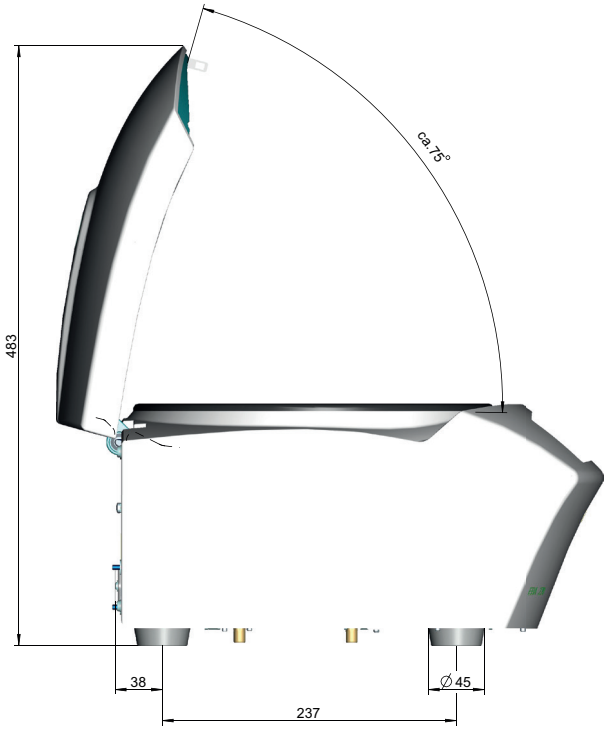
Product registration:

IVDR CERTIFIED

according to regulation (EU) 2017/746

Company certifications:

DIMENSIONS – EBA 270



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Think sustainable

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed, please provide these to our sales team so that details can be confirmed.