

## 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<sup>-1</sup>  
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

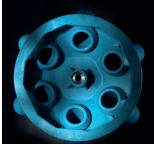
- plastic housing
- metal lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- brushless drive
- error display
- imbalance switch-off
- backlit panel with actual values of all parameters
- audio message after completion of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

## TECHNICAL DATA

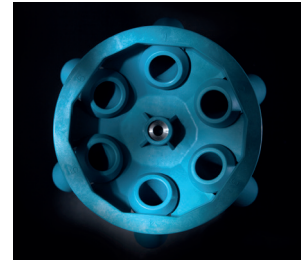
| <b>EBA 270</b>             |   |
|----------------------------|---|
| voltage *)                 | 200 – 240 V 1 ~   |
| frequency                  | 50 – 60 Hz  |
| consumption                | 130 VA  |
| emission, immunity         | EN/IEC 61326-1, class B   |
| max. capacity              | 6 x 15 ml   |
| max. RPM                   | 4,000 min <sup>-1</sup>   |
| max. RCF                   | 2,254   |
| running time               | 1 – 99 min, ∞ continuous run, short cycle mode (impulse button) |
| dimensions (WxDxH)         | 326 x 389 x 239 mm  |
| weight                     | approx. 14 kg   |
| max. noise level           | ≤ 51 dB (A)   |
| <b>Cat. No.</b>            | <b>2300</b>   |
| 100 – 127 V 1 ~ / 50–60 Hz | 2300-01   |
| consumption                | 125 VA  |
| emission, immunity         | FCC class B   |

\*) Other voltages on request.

## AVAILABLE ROTORS

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

## — SWING-OUT ROTOR, 6-PLACE



**Rotor**

|                                  |                                 |
|----------------------------------|---------------------------------|
| max. RPM   max. RCF              | 4,000 min <sup>-1</sup>   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)                 |
| <b>Cat. No.</b>                  | <b>INCLUSIVE</b>                |

**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 <sup>2)</sup> | 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     |  |
| <b>Cat. No.</b>        | <b>Pediatric</b> |           | <b>microliter tubes</b> |          |          |          | <b>tubes<sup>2)</sup></b> |         |         | <b>blood collection / urine tubes</b> |           |           |         |         |         |  |
|                        | + 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             |  |
| <b>Cat. No.</b>    | <b>2331-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2333-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2333-6</b> | <b>2333-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2331-6</b> |  |

**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 <sup>2)</sup> | 2,254                                 | 2,254      | 2,254    | 1,807      | 2,254    | 2,254    | 2,254    |
| radius in mm           | 126                                   | 126        | 126      | 101        | 126      | 126      | 126      |
| <b>Cat. No.</b>        | <b>blood collection / urine tubes</b> |            |          |            |          |          |          |



**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             |
| <b>Cat. No.</b>    | <b>2331-6</b> | <b>2331-6</b> | <b>2331-6</b> | <b>2333-6</b> | <b>2331-6</b> | <b>2331-6</b> | <b>2331-6</b> |

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:



Product registration:



Company certifications:



## DOWNLOADS

↓ [Operating Manual – EBA 270](#)

↓ [General Catalog](#)

## DIMENSIONS – EBA 270

