

TOP
SPIN



EBA 20 / EBA 20 S
Small Centrifuges

EBA 20 and EBA 20 S are compact and practical centrifuges for small sample volumes. They are fitted as standard with an angle rotor for 8 tubes up to a volume of 15 ml. The EBA 20 attains a max. RCF of 3,461 and is the ideal choice for a medical practice. The more powerful EBA 20 S generates a max. RCF of 6,153 and is suitable for emergency laboratories where every minute counts. Its higher speeds reduce centrifugation time such that plasma with a low platelet content is available for analysis after just a few minutes.

| TECHNOLOGY | EBA 20 | | EBA 20 S | |
|-------------------------------------|--|----------------|---|----------------|
| Small centrifuge, with rotor | | | | |
| Power supply ^{*)} | 208–240 V 1 ~ | 100–127 V 1 ~ | 200–240 V 1 ~ | 100–127 V 1 ~ |
| Frequency | 50–60 Hz | | | |
| Consumption | 65 VA | 70 VA | 130 VA | 180 VA |
| Emission | EN 55011 group 1, class B, EN 61000-3-2, EN 61000-3-3 | FCC class B | EN 55011 group 1, class B, EN 61000-3-2, EN 61000-3-3 | FCC class B |
| Immunity | EN 61000-6-1 | - | EN 61000-6-1 | - |
| Max. capacity | | | | |
| 8 x 15 ml | | | | |
| Max. RPM | 6,000 min ⁻¹ | | 8,000 min ⁻¹ | |
| Max. RCF | 3,461 | | 6,153 | |
| Running time | 1 – 99 min, ∞ continuous run, short cycle mode (impulse key) | | | |
| Frequency drive | - | | Yes | |
| Imbalance switch-off | - | | Yes | |
| Dimensions (H x W x D) | | | | |
| 216 x 231 x 292 mm | | | | |
| Weight | | | | |
| approx. 4 kg | | approx. 6 kg | | |
| Cat. No. | 2002 | 2002-01 | 2080 | 2080-01 |

| capacity in ml | 4 | 5 | 6 | 15 | 1.1–1.4 | 2.6–2.9 | 2.7–3 | 4.5–5 | 4.9 | 7.5–8.2 | 9–10 | 10 | 1.6–5 | 4–7 | 8 | 8.5–10 | 15 |
|---------------------------------|-------------|---------------|-------------|--------------------------|-------------------------------------|---------|-------|-------|-------|---------|---------------|-------------|---------|--------|--------|--------|-------------|
| ∅ x L in mm | 10x88 | 12x75 | 12x82 | 17x100 | 8x66 | 13x65 | 11x66 | 11x92 | 13x90 | 15x92 | 16x92 | 15x102 | 13x75 | 13x100 | 16x125 | 16x100 | 17x120 |
| Cat. No. | - | 0553 | 0501 | 0518¹⁾ | blood collection/urine tubes | | | | | | | | | | | | 0509 |
| | | | | | | | | | | | | | | | | | |
| Cat. No. | 6305 | 1054-A | - | 1054-A | - | | | | | | 1054-A | 1058 | - | | | | |
| boring ∅ x L in mm | 11.5x67.5 | 13.5x60 | 17.7x88 | 13.5x60 | 17.7x88 | | | | | | 13.5x60 | 13.5x79 | 17.7x88 | | | | |
| tubes per rotor | 8 | | | | | | | | | | | | 8 | 8 | 4 | 8 | 4 |
| max. RCF ¹⁾ EBA 20 | 2,817 | 2,697 | 3,461 | 2,697 | 3,461 | | | | | | 2,697 | 3,461 | | | | | |
| max. RCF ¹⁾ EBA 20 S | 5,009 | 4,794 | 6,153 | 4,794 | 6,153 | | | | | | 4,794 | 6,153 | | | | | |
| radius in mm | 70 | 67 | 86 | 67 | 86 | | | | | | 67 | 86 | | | | | |
| Shortest run-up in sec | 26/23 | | | | | | | | | | | | | | | | |
| Shortest run-down in sec | 37/40 | | | | | | | | | | | | | | | | |

Additional tubes e.g. stool tubes or spin columns on request.

^{*)} Other voltages on request.

¹⁾ 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 ¹⁾ is 4,000.

^{#)} For the EBA 20 only! Model EBA 20 S is supplied as standard with an adapter for these tubes.

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