

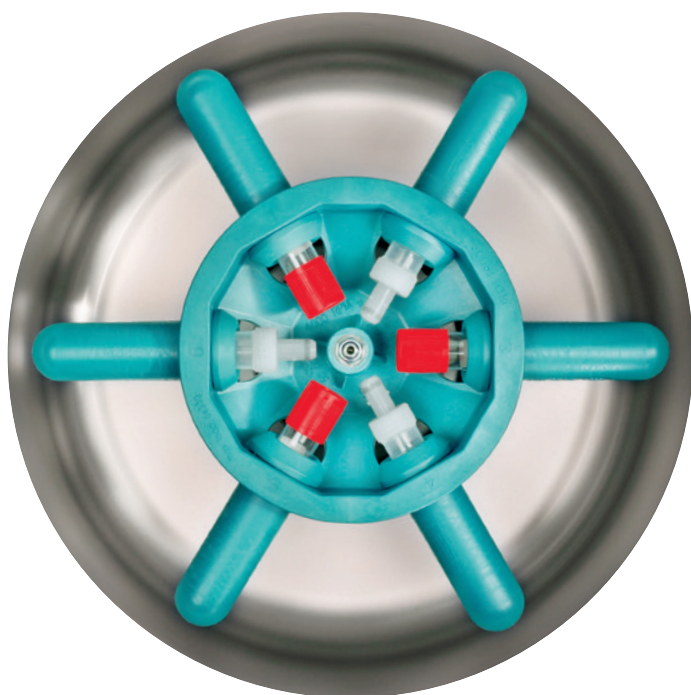
# EBA 270

## Small centrifuge

Reliable: Excellent separation performance in medical practices



# EBA 270



**View into the centrifuging chamber** showing the rotor with carriers and blood collection tubes swung out by 90 degrees.

## TAKE THE HASSLE OUT OF YOUR ROUTINE WORK: OPTIMUM PREPARATION OF SAMPLES ON A DAILY BASIS

The EBA 270 is a small centrifuge with a swing-out rotor that has been specially developed for use in medical practices. It accommodates common blood sample tubes and urine tubes up to a volume of 15 ml and generates a maximum speed of 4,000 RPM. This corresponds to an RCF of 2,254. The EBA 270 is especially suited for the centrifugation of sample tubes with a separating gel. It achieves separation results which equal those of a large centrifuge. A horizontal separation layer of uniform thickness forms in the swing-out rotor, providing an ideal basis for subsequent analysis.

Thanks to its reliable performance, compact dimensions and ergonomic design, the EBA 270 is perfect for centrifugation of blood and urine samples in medical and veterinary practices.

In addition, it is used in environmental analysis for clarification of water and soil samples. In schools and other educational institutions it can serve as a low-cost centrifuge for instruction.



**EBA 270**  
Small centrifuge

**Cat. No. 2300**

# EBA 270



## STURDY DESIGN

The flexible motor bearings ensure smooth operation and stability even in case of a slight imbalance.

## OUTSTANDING FEATURES

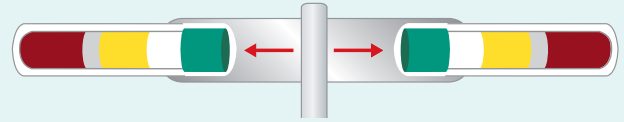
With its 6 x 15 ml swing-out rotor the EBA 270 is perfect for medical practices, veterinary practices and environmental analysis. It is supplied with the carriers 2331 and 2333 (6 of each).

## PRACTICAL FUNCTIONS

The EBA 270 is easy to use and has many practical functions. An example is the pulse key, which enables short centrifuge runs. The speed and run time can be varied as desired for different purposes.

## REASSURING SAFETY

The EBA 270 enables safe working practices. The sturdy housing and solid design ensure mechanical safety.

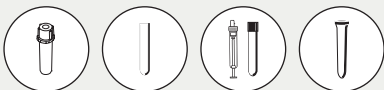


Effect of acceleration in an angle rotor



Sample after centrifugation in the EBA 270

## AT A GLANCE



### FIELDS OF APPLICATION

- **Clinical diagnostics**  
Centrifugation of blood and urine samples in medical and veterinary practices
- **Environmental analysis**  
Clarification of water and soil samples
- **Education**  
Teaching in schools and other educational institutions

### EASE OF OPERATION

- Speed and run time can be set as desired
- Lid opens at the press of a button
- Pulse key enables short centrifuge runs
- Ergonomic control panel and display

### SAFETY

- Lid locking and holding
- Imbalance switch-off
- Emergency lid lock release
- Lid dropping protection

### DESIGN

- Smooth plastic housing, easy to clean
- Metal lid
- Centrifugation chamber of stainless steel

### MAX. RCF

- 2,254

### MAX. CAPACITY

- 6 x 15 ml

### OUR SERVICE

You will find information on Hettich partners in your country at [www.hettichlab.com](http://www.hettichlab.com)

# CONTROL SYSTEM



Control panel

The EBA 270 is fitted with the E(economy) control panel. The required centrifugation parameters can be entered quickly and easily on the user-friendly keypad. During centrifugation the ACTUAL values are indicated on the display.

## SIMPLE OPERATION WITH THE E CONTROL PANEL

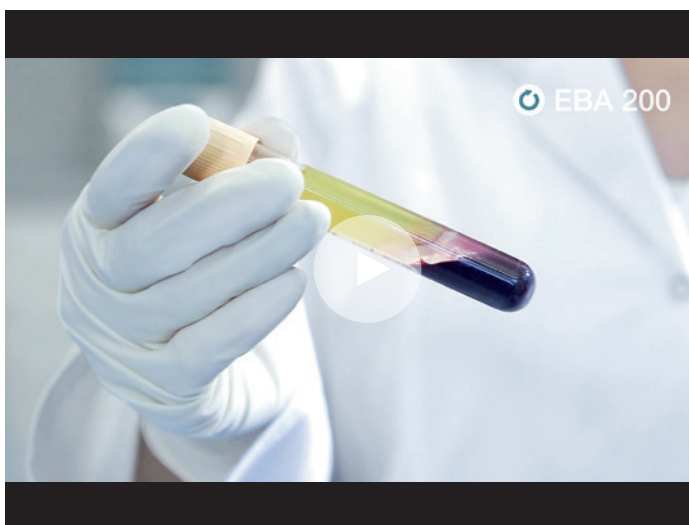
### KEYPAD

- ▲ Increases the relevant value.
- ▼ Decreases the relevant value.
- PULSE For short centrifugation steps.
- START Starts centrifugation.
- STOP Stops centrifugation manually.

### DISPLAY

- RPM Speed indication.  
Entry in increments of 100.
- t Time indication.  
Entry in minutes, max. 99 min.

## SHOWTIME! THE EBA LINE



## IDEAL FOR A MEDICAL PRACTICE

The EBA 200, EBA 200S and EBA 270 are small and practical centrifuges for small sample volumes. They accept common blood or urine tubes up to a volume of 15 ml.



Scan the QR code with your tablet or mobile and watch the EBA 200/200S and EBA 270 in action.  
Or follow the link:  
<http://youtu.be/84GZ4U27FT8>

# ACCESSORIES

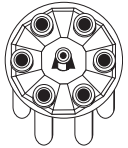











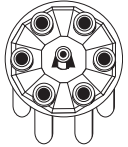










## Swing-out rotor, 6-place, with carriers (included)

±90°  
n = 4,000 RPM  
max. RCF 2,254



illustrated with blood collection tubes

capacity in ml	0.5		1.5		2		4	5	6	15	1.1–1.4	2.6–3.4
Ø x L in mm	10.7 x 36		11 x 38		11 x 38		10 x 88	12 x 75	12 x 82	17 x 100	8 x 66	13 x 65
<b>Cat. No.</b>	<b>Pediatric</b>		<b>2078</b>		<b>0536</b>		-	<b>0553<sup>1)</sup></b>	<b>0501<sup>1)</sup></b>	<b>0518<sup>1)</sup></b>	<b>blood coll. tubes</b>	
 rotor and carriers incl.												
	+1063-6	+1063-6	+1063-6	+1063-6	+1063-6	+1063-6						
<b>Cat. No.</b>	<b>2331</b>	<b>2333</b>	<b>2331</b>	<b>2333</b>	<b>2331</b>	<b>2333</b>	<b>2331</b>	<b>2333</b>		<b>2331</b>	<b>2333</b>	
boring Ø x L in mm	11 x 35		11 x 35				17.5 x 80	17.5 x 55		17.5 x 80	17.5 x 55	
tubes per rotor	6											
max. RCF <sup>1)</sup>	1,359		1,377				2,254	1,807		2,254	1,807	
radius in mm	76		77				126	101		126	101	
run-up in sec	10											
run-down in sec, braked	22											


capacity in ml	2.7–3	4–5.5	4.5–5	4.9	7.5–10	10	1.6–7	4–7	8.5–10	12
Ø x L in mm	11 x 66	15 x 75	11 x 92	13 x 90	15/16 x 92	15 x 102	13/16 x 75	13 x 100	16 x 100	17 x 102
<b>Cat. No.</b>	<b>blood collection/urine tubes</b>									
 rotor and carriers incl.										
<b>Cat. No.</b>	<b>2333</b>	<b>2331</b>					<b>2333</b>	<b>2331</b>		
boring Ø x L in mm	17.5 x 55	17.5 x 80					17.5 x 55	17.5 x 80		
tubes per rotor	6									
max. RCF <sup>1)</sup>	1,807	2,254					1,807	2,254		
radius in mm	101	126					101	126		
run-up in sec	10									
run-down in sec, braked	22									

<sup>1)</sup> 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 <sup>1)</sup> is 4,000.

**Accessories for accommodating additional tubes e.g. stool tubes or spin columns on request.**

# TECHNICAL DATA



TECHNOLOGY	EBA 270	
<b>Small centrifuge with rotor</b>		
Power supply <sup>1)</sup>	200–240 V 1 ~	100–127 V 1 ~
Frequency	50–60 Hz	50–60 Hz
Consumption	130 VA	125 VA
Emission, Immunity	EN/IEC 61326-1, class B	FCC class B
Max. capacity	6 x 15 ml	6 x 15 ml
 Max. RPM (speed)	4.000 min <sup>-1</sup>	4.000 min <sup>-1</sup>
Max. RCF	2.254	2.254
Running time	1–99 min, ∞ continuous run, short cycle mode (impulse key)	
Dimensions (H x W x D)	239 x 326 x 389 mm	239 x 326 x 389 mm
Weight	approx. 14 kg	approx. 14 kg
<b>Cat. No.</b>	<b>2300</b>	<b>2300-01</b>

<sup>1)</sup> Other voltages on request.



Hettich centrifuges comply with all relevant EU standards in effect and conform to the European level of quality and safety for medical devices. Evidence is provided by national and international test marks such as IEC 61010 or the CE conformity. The ISO 9001, ISO 13485 and ISO 14001 certificates accredited to the company bear witness to the extreme care and responsibility Hettich puts into the manufacturing of centrifuges and their accessories.



Our certification as an “Authorised Economic Operator” enables accelerated customs clearance.



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