

Anexa 57, Centrifugă 8-12 tuburi**EBA 200, Andreas Hettich, Germania****DM000739296**

Parametri solicitati	Parametri oferiti
"Capacitate: rotor inclus pentru 8-12 eprubete de 10-15 ml RPM: setabil, 1000-6000 rpm, RCF: setabil Pas incrementare viteză ≤ 50 RPM Sistem de blocare a capacului în timpul funcționării. Protecție la debalansare. Viteză decelerare ajustabilă Timp funcționare: 1-60 min și continuu. Păstrare în memorie a ultimilor parametri utilizați Afișare: Viteza actuală, timp rămas. Afișare date pe ecran digital Nivel Zgomot ≤ 62 dB Alimentare: 210-240 V 50 HZ Dimensiuni: L,A,H ≤ 420 mm Tip motor: fără perii. Capacul sa fie transparent sau dotat cu fereastra sau alta cale de acces, necesar pentru efectuarea procedurii de verificare periodica a turațiilor, conform normelor și standardelor în vigoare. Certificare IVD."	"Capacitate: rotor inclus pentru 8 eprubete de 10-15 ml RPM: setabil, 200-6000 rpm, RCF: setabil Pas incrementare viteză 10 RPM Sistem de blocare a capacului în timpul funcționării. Protecție la debalansare. Viteză decelerare ajustabilă Timp funcționare: 1-99 min și continuu. Păstrare în memorie a ultimilor parametri utilizați Afișare: Viteza actuală, timp rămas. Afișare date pe ecran digital Nivel Zgomot 50 dB Alimentare: 210-240 V 50 HZ Dimensiuni: L,A,H 261 x 353 x 228 mm Tip motor: fără perii. Capacul este dotat cu fereastra pentru efectuarea procedurii de verificare periodica a turațiilor, conform normelor și standardelor în vigoare. Certificare IVD."

SMALL CENTRIFUGES

EBA 200 | 200 S

TOP PERFORMANCE FOR SMALL LABORATORIES

The EBA 200 and EBA 200 S are practical, compact centrifuges for small sample sizes. The high speed S model can deliver reliable PPP results in 3 minutes or less. Included an 8-place fixed angle rotor to hold standard blood and urine tubes up to 15 ml in capacity.



HIGHLIGHTS

- max. RPM: 200 - 6,000 min⁻¹ | 8,000 min⁻¹
Adjustable in increments of 10
- max. RCF: 3,461 | 6,153
- max. capacity: 8 x 15 ml
- small centrifuge including 8-place angle rotor
- compact design
- IVDR-conform according to regulation (EU) 2017/746
- maximum noise level of ≤ 50 dB(A) | ≤ 55 dB(A)
- impulse key for short cycle mode
- 2 individual acceleration and 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
- light alloy chamber
- brushless drive
- error display
- imbalance monitoring and switch-off
- backlit panel with actual values of all parameters
- 3 adjustable messages after completion of the centrifugation run (audio + visual)

TECHNICAL DATA

	EBA 200	EBA 200 S
voltage *)	200 – 240 V 1 ~	200 – 240 V 1 ~
frequency	50 – 60 Hz	50 – 60 Hz
consumption	100 VA	160 VA
emission, immunity	EN/IEC 61326-1, class B	EN/IEC 61326-1, class B
max. capacity	8 x 15 ml	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 button)	1 – 99 min, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	261 x 353 x 228 mm	261 x 353 x 228 mm
weight	approx. 9 kg	approx. 11 kg
max. noise level	≤ 50 dB (A)	≤ 55 dB (A)
Cat. No.	1800	1802
100 – 127 V 1 ~ / 50–60 Hz	1800-01	1802-01
emission, immunity	FCC class B	FCC class B

*) Other voltages on request.

AVAILABLE ROTORS

ANGLE ROTORS	angle	max. RPM	max. capacity	Cat. No	page
 angle rotor, 8-place	33°	6,000 min ⁻¹ 8,000 min ⁻¹	8 x 15 ml	INCLUSIVE	3

— ANGLE ROTOR, 8-PLACE



Rotor

max. RPM	EBA 200 200 S	6,000 min ⁻¹ 8,000 min ⁻¹
max. RCF		3,461 6,153
max. capacity		8 x 15 ml
run up / run down, braked in sec		17 / 12 37 / 17
angle		33°

Cat. No.	INCLUSIVE
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Vessels

capacity in ml	0.5	1.5	2	4	5	6	15	1.1-1.4	2.6-3.4	2.7-3	4.5-5	4.9	7.5-8.2	9-10	15
Ø x L in mm	10.7 x 46	11 x 38	11 x 38	12 x 60	13 x 75	12 x 82	17 x 100	8 x 66	13 x 65	11 x 66	11 x 92	13 x 90	15 x 92	16 x 92	17 x 120
max. RCF ²⁾	EBA 200	2,214	2,173	2,173	2,656	2,697	2,697	3,461	2,697	2,697	2,697	3,461	3,461	3,461	3,461
max. RCF ²⁾	EBA 200 S	3,935	3,864	3,864	5,009	4,794	4,794	6,153	4,794	4,794	4,794	6,153	6,153	6,153	6,153
radius in mm	55	54	54	66	67	67	86	67	67	67	86	86	86	86	86

Cat. No.	Pediatric	microliter tubes	tubes²⁾					blood collection / urine tubes					-
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Adapter

boring Ø x L in mm	11 x 35	11 x 35	11 x 35	11.5x67.5	13.5x60	13.5x60	17.7x88	13.5x60	13.5x60	13.5x60	17.7 x 88	17.7 x 88	17.7 x 88	17.7 x 88	17.7x88
vessels per rotor	8	8	8	8	8	8	8	8	8	8	8	8	8	8	4
Cat. No.	1063-8 (8 pcs.)			6305	1054-A	1054-A	-	1054-A	1054-A	1054-A	-	-	-	-	-

Vessels

capacity in ml	10	1.6-5	4-7	8	8.5-10	12
Ø x L in mm	15 x 102	13 x 75	13 x 100	16 x 125	16 x 100	17 x 102
max. RCF ²⁾	EBA 200	3,461	2,697	3,461	3,461	3,461
max. RCF ²⁾	EBA 200 S	6,153	4,794	6,153	6,153	6,153
radius in mm	86	69	86	86	86	86

Cat. No.	blood collection / urine tubes					
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Adapter

boring Ø x L in mm	17.7 x 88	13.5 x 60	17.7 x 88	17.7 x 88	17.7 x 88	17.7 x 88
vessels per rotor	8	8	8	4	8	8
Cat. No.	-	1059	-	-	-	-

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.

12) For the EBA 200 only! Model EBA 200 S is supplied as standard with an adapter for these tubes.

CERTIFICATIONS / REGISTRATIONS

Product certification:



Product registration:



Company certifications:



DIMENSIONS – EBA 200 | 200 S



EU-Konformitätserklärung

EU Declaration of conformity

des Herstellers

of the manufacturer

Andreas Hettich GmbH & Co. KG • Föhrenstrasse 12 • D-78532 Tuttlingen • Germany
SRN: DE-MF-000010680

Hiermit erklären wir in unserer Verantwortung ohne Mitwirkung einer benannten Stelle, dass das bezeichnete Gerät:

We hereby declare under our responsibility without involvement of a notified body that the designated device:

Geräteart	Kleinzentrifugen
Name	EBA 200 EBA 200 S
Basic UDI-DI	040506740100069U
GMDN	36465
Klassifizierung	In-vitro-Diagnostikum, Klasse A (Anhang VIII, Regel 5)
Gemäß	Verordnung (EU) 2017/746 Anhang IX

Type of device	Small centrifuges
Name	EBA 200 EBA 200 S
Basic UDI-DI	040506740100069U
GMDN	36465
Classification	in vitro diagnostic, class A (Annex VIII, Rule 5)
according to	Regulation (EU) 2017/746 Annex IX

inklusive des mit dem Gerät konformitätsbewerteten Zubehörs laut Zubehörliste der zugehörigen technischen Dokumentation, den einschlägigen Bestimmungen der Verordnung (EU) 2017/746 über In-vitro-Diagnostika entspricht.

and its accessories, which are listed in the related technical documentation and whose conformity has been assessed together with the device, complies with the relevant provisions of the Regulation (EU) 2017/746 on in vitro diagnostic devices.

Zweckbestimmung

Bei der Zentrifuge **EBA 200 / EBA 200 S** handelt es sich um ein In-vitro-Diagnostikum gemäß der Verordnung über In-vitro-Diagnostika (EU) 2017/746.

Das Gerät dient zum Zentrifugieren sowie zur Anreicherung von Probenmaterial menschlichen Ursprungs für eine anschließende Weiterverarbeitung für diagnostische Zwecke. Der Anwender kann jeweils die veränderbaren physikalischen Parameter innerhalb der vom Gerät vorgegebenen Grenzen einstellen.

Die Zentrifuge darf nur von Fachpersonal in geschlossenen Laboratorien verwendet werden. Die Zentrifuge ist nur für den oben genannten Verwendungszweck bestimmt. Zur bestimmungsgemäßen Verwendung gehört auch das Beachten aller Hinweise aus der Bedienungsanleitung und die Einhaltung der Inspektions- und Wartungsarbeiten.

Intended use

The centrifuge **EBA 200 / EBA 200 S** is an in vitro diagnostic medical device according to the In vitro Diagnostic Medical Devices Regulation (EU) 2017/746.

The device is used for centrifuging and enriching sample material of human origin for subsequent further processing for diagnostic purposes. The user can set each of the variable physical parameters within the limits set by the device.

The centrifuge may only be used by qualified personnel in closed laboratories. The centrifuge is only intended for the use referred to above. Intended use also includes observing all instructions in the Operating Manual and compliance with the required inspection and maintenance work.

Eine andere oder darüberhinausgehende Benutzung gilt als nicht bestimmungsgemäß. Für hieraus entstehende Schäden haftet die Firma Andreas Hettich GmbH & Co. KG nicht.

Any other use or use beyond this is considered improper. Andreas Hettich GmbH & Co. KG shall not be liable for any damage arising from this.

Das Gerät entspricht auch den anwendbaren Bestimmungen der folgenden europäischen Richtlinien und Verordnungen

The device also complies to the applicable provisions of the following European directives, ordinances and standards

- 2006/42/EG „Maschinenrichtlinie“
- 2014/30/EU „EMV-Richtlinie“
- 2014/35/EU „Niederspannungsrichtlinie“
- 2011/65/EG „RoHS-Richtlinie“
(ohne Beteiligung einer benannten Stelle)
- (EG) 1907/2006 „REACH Verordnung“
(ohne Beteiligung einer benannten Stelle)

- 2006/42/EC “Directive on machinery”
- 2014/30/EU “EMC Directive”
- 2014/35/EU “Low Voltage Directive”
- 2011/65/EC “RoHS Directive”
(without involvement of a notified body)
- (EC) 1907/2006 “Regulation on REACH”
(without involvement of a notified body)

Angewandte Normen:
Siehe Liste der angewandten Normen, die Teil der technischen Dokumentation ist.

Standards applied:
See the list of applied standards that forms part of the technical documentation.

Tuttlingen, 17.10.2023



Klaus-Günter Eberle
Geschäftsführer, Chief Executive Officer



Diese Konformitätserklärung ist gültig von 17.10.2023 bis 24.10.2025

This declaration of conformity is valid from 17.10.2023 until 24.10.2025