

Lot 47, Centrifuga, de laborator (8-12 tuburi)

EBA 200, Andreas Hettich

DM000739296

Parametri solicitati	Parametri oferiti
<p>Descriere: Centrifugele de laborator sunt destinate pentru a centrifuga sângele.</p> <p>Specificație tehnică:</p> <p>Viteza de rotație:</p> <p>Minimală, rpm ≤ 500;</p> <p>Maximală, rpm ≥ 6000;</p> <p>Setări: setarea vitezei.</p> <p>Capacitatea:</p> <p>Tipul tuburilor: tuburi de 10 - 15 ml;</p> <p>Numărul de tuburi: 8-12 unitati;</p> <p>Camera interioara din otel inoxidabil;</p> <p>Capac: cu port de vizualizare incinta;</p> <p>Alarma: dispozitiv care intrerupe funcționarea, în cazul dezechilibrării rotorului; terminarea centrifugării;</p> <p>Tastatura cu butoanele de acces rapid: tasta impuls, tasta RCF;</p> <p>Viteza de rotație:</p> <p>Programarea vitezei cu increment de 100rot/min;</p> <p>Recunoșterea automată a rotorului.</p> <p>Echiparea: microprocesor și display cu afisaj digital pentru valorile parametrilor în timpul centrifugării;</p> <p>Rotor: 8- de locuri pentru tuburi de 15 ml și 12- de locuri pentru tuburi de 10 ml;</p> <p>Securitatea: Blocarea capacului în timpul lucrului;</p> <p>Nivelul de zgomot ≤ 60 dB</p>	<p>Descriere: Centrifugele de laborator sunt destinate pentru a centrifuga sângele.</p> <p>Specificație tehnică:</p> <p>Viteza de rotație:</p> <p>Minimală, rpm 200;</p> <p>Maximală, rpm 6000;</p> <p>Setări: setarea vitezei.</p> <p>Capacitatea:</p> <p>Tipul tuburilor: tuburi de 10 - 15 ml;</p> <p>Numărul de tuburi: 8 unitati;</p> <p>Camera interioara din aliaj usor;</p> <p>Capac: cu port de vizualizare incinta;</p> <p>Alarma: dispozitiv care intrerupe funcționarea, în cazul dezechilibrării rotorului; terminarea centrifugării;</p> <p>Tastatura cu butoanele de acces rapid: tasta impuls, tasta RCF;</p> <p>Viteza de rotație:</p> <p>Programarea vitezei cu increment de 10 rot/min;</p> <p>Recunoșterea automată a rotorului.</p> <p>Echiparea: microprocesor și display cu afisaj digital pentru valorile parametrilor în timpul centrifugării;</p> <p>Rotor: 8- de locuri pentru tuburi de 10-15 ml</p> <p>Securitatea: Blocarea capacului în timpul lucrului;</p> <p>Nivelul de zgomot 50 dB</p>

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



Déclaration de conformité UE

EU Declaration of conformity

du fabricant

of the manufacturer

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

Par la présente, nous déclarons sous notre responsabilité, sans participation d'un organisme notifié, que le dispositif désigné :

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

Type de dispositif **Petite centrifugeuse**
Nom **EBA 200**
EBA 200 S
Basic UDI-DI **040506740100069U**
GMDN **36465**
Classification **Dispositif de diagnostic in vitro, classe A (annexe VIII, règle 5)**
Conformément au **règlement (UE) 2017/746 annexe 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**

avec les accessoires évalués comme conformes au dispositif d'après la liste d'accessoires de la documentation technique correspondante, satisfait aux dispositions pertinentes du règlement (UE) 2017/746 relatif aux dispositifs de diagnostic in vitro.

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.

utilisation conforme aux dispositions

La centrifugeuse **EBA 200 / EBA 200 S** est un dispositif de diagnostic in vitro conformément au règlement relatif aux dispositifs de diagnostic in vitro (UE) 2017/746.

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.

Le dispositif sert à centrifuger ainsi qu'à enrichir des échantillons d'origine humaine pour un traitement ultérieur à des fins de diagnostic. L'utilisateur peut régler les paramètres physiques modifiables concernés dans les limites définies par le dispositif.

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.

La centrifugeuse peut être utilisée uniquement par un personnel qualifié dans des laboratoires fermés. La centrifugeuse est destinée uniquement à la fonction citée ci-dessus. L'utilisation conforme aux dispositions comprend le respect de toutes les indications énoncées dans le mode d'emploi et le respect des consignes d'inspection et de maintenance.

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.

Toute utilisation différente ou dépassant ce cadre est considérée comme non conforme. La société Andreas Hettich GmbH & Co. n'est pas responsable des dommages qui en résultent.

Le dispositif satisfait également aux dispositions applicables des directives et règlements européens suivants

- 2006/42/CE « Directive relative aux machines »
- 2014/30/UE « Directive CEM »
- 2014/35/UE « Directive basse tension »
- 2011/65/UE « Directive RoHS »
(sans intervention d'un organisme notifié)
- (CE) 1907/2006 « Règlement REACH »
(sans intervention d'un organisme notifié)

Normes appliquées :
voir la liste des normes appliquées qui fait partie de la documentation technique.

Tuttlingen, 17.10.2023



Klaus-Günter Eberle
Gérant, Chief Executive Officer

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.

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

- 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)

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



La présente déclaration de conformité est valable du 17/10/2023 au 24/10/2025

This declaration of conformity is valid from 17.10.2023 until 24.10.2025