

SMALL CENTRIFUGES

Benchtop performance in a compact footprint



MANUAL CENTRIFUGE
on page 10



EBA 200 | 200 S
on page 12



EBA 270
on page 18

011



EBA 280 | 280 S

on page 22



HAEMATOKRIT 200

on page 30

MANUAL CENTRIFUGE

Operate independently anywhere

The adaptable manual centrifuge can be simply clamped to any benchtop, with no need for electricity. Its self-lubricating drive system makes it virtually maintenance-free.

— FEATURES

- Max. RPM: 3,000 min⁻¹
- Max. RCF: 1,298
- Max. capacity: 4 x 15 ml
- Maintenance-free due to its self-lubricating drive system
- Clamping device for simple table mounting
- Choice of 2 rotors

— FIELDS OF APPLICATION

- Field Testing
- Aid Organizations
- Pharmacies



TECHNICAL DATA

	MANUAL CENTRIFUGE without rotor	Swing-out rotor, 4-place	Swing-out rotor, 4-place
angle	-	90°	50°
max. capacity	-	4 x 15 ml (conical only)	4 x 15 ml
max. RPM	-	3,000 min ⁻¹	3,000 min ⁻¹
max. RCF	-	1,298	1,077
dimensions (WxDxH)	140 x 175 x 285 mm	-	-
weight	approx. 0,9 kg	-	-
Cat. No.	1011	1014	1025



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 results in 3 minutes or less. An 8-place fixed angle rotor is included to hold standard blood and urine tubes up to 15 ml in capacity.

FEATURES

- 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) (EBA 200)
- Impulse key for short cycle mode
- 1 acceleration and 2 deceleration stages
- Easy operation with keypad

FIELDS OF APPLICATION

- Physician's Office Laboratory (POL)
- Small laboratories
- Off-site draw locations



Centrifuge packages for the model can be found on [page 15](#)



More information about the control panel can be found on [page 202](#)



according to regulation (EU) 2017/746



TECHNICAL DATA

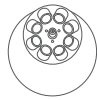
	EBA 200	EBA 200 S
voltage *)	200 – 240 V 1 ~	200 – 240 V 1 ~
frequency	50 – 60 Hz	50 – 60 Hz
consumption	100 VA	160 VA
emission, immunity	EN/IEC 61326-1, class B	EN/IEC 61326-1, class B
max. capacity	8 x 15 ml	8 x 15 ml
max. RPM	6,000 min ⁻¹	8,000 min ⁻¹
max. RCF	3,461	6,153
running time	1 – 99 min, ∞ 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	14

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	3,461	2,697	2,697	2,697	3,461	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.

PACKAGES

EBA 200 S BLOOD TUBE PACKAGE 1

	number of vessels	volume (ml)	size (mm)	RPM	RCF	
- 1 x EBA 200 S centrifuge	1802	8	1.1 - 6	13 x 75	8,000	4,794
- incl. angle rotor, 8-place		8	4 - 7	13 x 100	8,000	6,153
- 8 x adapter, 1-place	1054-A					
- 8 x adapter, 1-place	1058					
1802SET1						



EBA 200 BLOOD TUBE PACKAGE 2

	number of vessels	volume (ml)	size (mm)	RPM	RCF	
- 1 x EBA 200 centrifuge incl. angle rotor	1800	8	1.1 - 6	13 x 75	6,000	2,777
- 8 x adapter, 1-place	1059	8	4 - 7	13 x 100	6,000	3,461
- 8 x adapter, 1-place	1058					
1800SET2						



PRODUCT VIDEOS

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EBA 200

Top performance for small laboratories

The EBA 200 small centrifuge is a compact medical device used for separating whole blood or blood components of human origin, for example to obtain platelet-rich plasma for autologous therapies. This centrifuge comes equipped as standard with an 8-place angled rotor to accommodate tubes with volumes of up to 10 ml.

— FEATURES

- Max. RPM: 200 - 6,000 min⁻¹ – adjustable in increments of 10
- Max. RCF: 3,461
- Max. capacity: 8 x 10 ml
- Small centrifuge including 8-place angle rotor
- Compact design
- Medical Device according to regulation (EU) 2017/745
- Maximum noise level of ≤ 50 dB(A)
- Impulse key for short cycle mode
- 1 acceleration and 2 deceleration stages
- Easy operation with keypad

— FIELDS OF APPLICATION

- Physician's Office Laboratory (POL)
- Dentists
- Small laboratories
- Orthopedics
- Hospitals



More information about the control panel can be found on [page 202](#)



* If you use special PRP kits, please contact us: info@hettichlab.com

TECHNICAL DATA

		EBA 200
voltage ^{*)}		200 – 240 V 1 ~
frequency		50 – 60 Hz
consumption		100 VA
emission, immunity		EN/IEC 61326-1, class B
max. capacity		8 x 10 ml
max. RPM		6,000 min ⁻¹
max. RCF		3,461
running time		1 – 99 min, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)		261 x 353 x 228 mm
weight		approx. 9 kg
max. noise level		≤ 50 dB (A)
Cat. No.		1810
100 – 127 V 1 ~ / 50–60 Hz		1810-01
emission, immunity		FCC class B

*) Other voltages on request.

ANGLE ROTOR, 8-PLACE



Rotor

max. RPM	6,000 min ⁻¹
max. RCF	3,461
max. capacity	8 x 10 ml
run up / run down, braked in sec	17 / 12
angle	33°
Cat. No.	INCLUSIVE



Vessels

capacity in ml	1.4	2.6–3.4	2.7–3	4.5–5	4.9	7.5–8.2	9–10	10	8.5-10
Ø x L in mm	8x66	13x65	11x66	11x92	13x90	15x92	16x92	15x102	16x100
max. RCF ²⁾	2,697	2,697	2,697	3,461	3,461	3,461	3,461	3,461	3,461
radius in mm	67	67	67	86	86	86	86	86	86

Bestell-Nr.

tubes / kits



Adapter

boring Ø x L in mm	13.5x60	13.5x60	13.5x60	17.7 x 88	17.7 x 88	17.7 x 88	17.7 x 88	17.7 x 88	17.7 x 88
vessels per rotor	8	8	8	8	8	8	8	8	8
Cat. No.	1054-A	1054-A	1054-A	-	-	-	-	-	-

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.

EBA 270

Superior separation results in medical applications

The EBA 270 is a small centrifuge with a built-in swing-out rotor that has been developed specifically for use in clinical settings. It can centrifuge 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.

FEATURES

- Max. RPM: 500 - 4,000 min⁻¹ – 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
- IVDR-conform according to regulation (EU) 2017/746
- Maximum noise level of ≤ 51 dB(A)
- Impulse key for short cycle mode
- 1 acceleration and 2 deceleration stages
- Easy operation with keypad

FIELDS OF APPLICATION

- Small laboratories
- Physician's Office Laboratory (POL)
- Hospitals



Centrifuge packages for the model can be found on [page 21](#)



More information about the control panel can be found on [page 202](#)



according to regulation (EU) 2017/746




TECHNICAL DATA

EBA 270	
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 ⁻¹
max. RCF	2,254
running time	1 – 99 min, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	326 x 400 x 239 mm
weight	approx. 14 kg
max. noise level	≤ 51 dB (A)
Cat. No.	2300
100 – 127 V 1 ~ / 50–60 Hz	2300-01
consumption	125 VA
emission, immunity	FCC class B

*) Other voltages on request.

AVAILABLE ROTORS

SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No	page
	swing-out rotor, 6-place	90°	4,000 min ⁻¹	6 x 15 ml	INCLUSIVE	20

SWING-OUT ROTOR, 6-PLACE



Rotor

max. RPM max. RCF	4,000 min ⁻¹ 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)
Cat. No.	INCLUSIVE



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 46	10.7 x 46	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 ²⁾	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		
Cat. No.	Pediatric		microliter tubes				tubes²⁾				blood collection / urine tubes						
	+ 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
Cat. No.	2331-6	2333-6	2331-6	2333-6	2331-6	2333-6	2331-6	2333-6	2333-6	2331-6	2333-6	2333-6	2333-6	2331-6	2331-6

Vessels

capacity in ml	4.9	7.5 – 10	10	1.6 – 7	4 – 7	8.5 – 10
Ø x L in mm	13 x 90	15/16 x 92	15 x 102	13/16 x 75	16 x 75	16 x 100
max. RCF ²⁾	2,254	2,254	2,254	1,807	1,807	2,254
radius in mm	126	126	126	101	101	126
Cat. No.	blood collection / urine tubes					



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 55	17.5 x 80
vessels per rotor	6	6	6	6	6	6
Cat. No.	2331-6	2331-6	2331-6	2333-6	2333-6	2331-6

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.

PACKAGES

EBA 270 BLOOD TUBE COMPLETE PACKAGE 1

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 270 centrifuge incl. swing-out rotor	2300	6	1.1 - 7	16 x 75	4,000	1,807
- 1 x adapter (set), 1-place	2333-6	6	1,5 - 15	17 x 102	4,000	2,254
- 1 x adapter (set), 1-place	2331-6	6	0.5 (Pediatric)	10,7 x 46	4,000	1,359
- 1 x adapter Pediatric (set), 1-place	1063-6					
2300SET1						



PRODUCT VIDEOS

Would you like to learn more about this product? Scan the QR Code to visit our YouTube channel:

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EBA 280 | 280 S

Simple rotor change for greater versatility

The EBA 280 and EBA 280 S offer exceptional user comfort and a choice of 6 rotors. The rotor can be removed and replaced easily thanks to the quick release system. The rotor locks in place and remains secure without the use of tools or extra effort. The backlit digital control panel offers the opportunity to save 9 multiple program settings.

■ FEATURES

- RPM: 200 - 6,000 min⁻¹ – adjustable in increments of 10
- Max. RCF: 4,146 | 5,071
- Max. capacity: 6 x 50 ml
- Small centrifuge with rapid rotor change system
- Choice of 6 rotors
- IVDR-conform according to regulation (EU) 2017/746
- Maximum noise level of ≤ 51 dB(A) (EBA 280)
- Impulse key for short cycle mode
- 9 individual acceleration and 10 deceleration stages
- Easy operation with keypad
- 9 programmable memory settings

■ FIELDS OF APPLICATION

- Small laboratories
- Hospitals
- Blood banks
- Physician's Office Laboratory (POL)



Centrifuge packages for the model can be found on [page 28](#)



More information about the control panel can be found on [page 202](#)









according to regulation (EU) 2017/746

TECHNICAL DATA

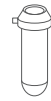
	EBA 280	EBA 280 S
voltage *)	200 – 240 V 1 ~	200 – 240 V 1 ~
frequency	50 – 60 Hz	50 – 60 Hz
consumption	185 VA	330 VA
emission, immunity	EN/IEC 61326-1, class B	EN/IEC 61326-1, class B
max. capacity	6 x 50 ml	6 x 50 ml
max. RPM	6,000 min ⁻¹	6,000 min ⁻¹
max. RCF	4,146	5,071
running time	1 – 99 min: 59 sec, y continuous run, short cycle mode (impulse button)	1 – 99 min: 59 sec, y continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	326 x 400 x 242 mm	326 x 400 x 242 mm
weight	approx. 12 kg	approx. 12 kg
noise level	≤ 47 dB (A) with rotor 1137	≤ 50 dB (A) with rotor 1137
Cat. No.	1101	1102
100 – 127 V 1 ~ / 50–60 Hz	1101-01	1102-01
emission, immunity	FCC class B	FCC class B

*) Other voltages on request.

AVAILABLE ROTORS

SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No.	page
	swing-out rotor, 6-place	90°	6,000 min ⁻¹	6 x 15 ml	1146	24
	swing-out rotor, 8-place	90°	5,000 min ⁻¹	8 x 10 ml	1148	25
	swing-out rotor, 12-place	60°	5,000 min ⁻¹	12 x 5 ml	1142	25
ANGLE ROTORS						
	angle rotor, 6-place	35°	6,000 min ⁻¹	6 x 50 ml	1137	26
	angle rotor, 12-place	35°	5,000 min ⁻¹	12 x 7 ml	1133	26
	angle rotor, 12-place	35°	6,000 min ⁻¹	12 x 15 ml	1139	27

SWING-OUT ROTOR, 6-PLACE | 1146



Rotor

max. RPM	EBA 280 EBA 280 S	4,700 min ⁻¹ 6,000 min ⁻¹
max. RCF		3,112 5,071
max. capacity		6 x 15 ml
run up / run down, braked in sec		9 / 11 11 / 13
angle max. noise level		90° 49 dB (A)
Cat. No.		1146

Bucket

Cat. No.	1147-6 (6 pcs.)
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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	4.5-5	4.9	7.5-10	1.6-5
Ø x L in mm	10.7 x 46	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	13 x 90	15/16 x 92	13 x 75
max. RCF ²⁾	EBA 280	1,877	1,902	1,902	3,112	2,618	2,865	3,112	2,618	2,618	2,618	3,112	3,112	3,112	2,618
max. RCF ²⁾	EBA 280 S	3,059	3,099	3,099	5,071	4,266	4,669	5,071	4,266	4,266	4,266	5,071	5,071	5,071	4,266
radius in mm	76	77	77	126	106	116	126	106	106	106	126	126	126	126	106
Cat. No.	Pediatric	microliter tubes			tubes²⁾			blood collection / urine tubes							



Adapter

boring Ø x L in mm	11 x 35	11 x 35	11 x 35	17.5 x 80	13.5 x 59	17.5 x 80	17.5 x 80	13.5 x 59	13.5 x 59	13.5 x 59	17.5 x 80	17.5 x 80	17.5 x 80	17.5 x 80	13.5 x 59
vessels per rotor	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Cat. No.	1063-6 (6 pcs.)			-	1053-6	0767-6	-	1053-6 (6 pcs.)			-	-	-	-	1053-6

Vessels

capacity in ml	4-7	4-7	8.5-10	12
Ø x L in mm	16 x 75	13 x 100	16 x 100	17 x 102
max. RCF ²⁾	EBA 280	2,865	3,112	3,112
max. RCF ²⁾	EBA 280 S	4,669	5,071	5,071
radius in mm	116	126	126	126
Cat. No.	blood collection/urine tubes			



Adapter

boring Ø x L in mm	17.5 x 80	13.5 x 79	17.5 x 80	17.5 x 80
vessels per rotor	6	6	6	6
Cat. No.	0767-6	1058	-	-

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.

SWING-OUT ROTOR, 8-PLACE | 1148



Rotor

max. RPM max. RCF	5,000 min ⁻¹ 2,991
max. capacity	8 x 10 ml
run up run down, braked in sec	8 10
angle max. noise level	90° 50 dB (A)
Cat. No.	1148



Vessels

capacity in ml	5	6	10	2.6–3.4	2.7–3	4–5.5	1.6–5	4–7
Ø x L in mm	12 x 75	12 x 82	17 x 70	13 x 65	11 x 66	15 x 75	13 x 75	16 x 75
max. RCF ²⁾	2,991	2,991	2,991	2,991	2,991	2,991	2,991	2,991
radius in mm	107	107	107	107	107	107	107	107
Cat. No.	tubes²⁾			blood collection / urine tubes				



Bucket

boring Ø x L in mm	13 x 53	13 x 53	17.5 x 53	13 x 53	13 x 53	17.5 x 53	13 x 53	17.5 x 53
vessels per rotor	8	8	8	8	8	8	8	8
Cat. No.	1131-A	1131-A	1132-A	1131-A	1131-A	1132-A	1131-A	1132-A

SWING-OUT ROTOR, 12-PLACE | 1142



Rotor

max. RPM max. RCF	5,000 min ⁻¹ 2,963
max. capacity	12 x 5 ml
run up run down, braked in sec	10 12
angle max. noise level	60° 49 dB (A)
Cat. No.	1142



Vessels

capacity in ml	5	2.6–3.4	2.7–3	1.6–5
Ø x L in mm	13 x 75	13 x 65	11 x 66	13 x 75
max. RCF ²⁾	2,963	2,963	2,963	2,963
radius in mm	106	106	106	106
Cat. No.	tube²⁾	blood collection / urine tubes		



Bucket

boring Ø x L in mm	13.2 x 53	13.2 x 53	13.2 x 53	13.2 x 53
vessels per rotor	12	12	12	12
Cat. No.	1127-A	1127-A	1127-A	1127-A

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.

ANGLE ROTOR, 6-PLACE | 1137



Rotor

max. RPM max. RCF	6,000 min ⁻¹ 4,025
max. capacity	6 x 50 ml
run up run down, braked in sec	20 17
angle max. noise level	35° 47 dB (A)
Cat. No.	1137



Vessels

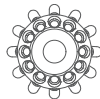
capacity in ml	7	15	25	50	9-10	10	1.6-5	4-7	15	50	30	50
Ø x L in mm	12 x 100	17 x 100	24 x 100	34 x 100	16 x 92	15 x 102	13 x 75	13 x 100	17 x 120	29 x 115	26 x 95	29 x 107
max. RCF ²⁾	3,944	3,783	3,703	4,025	3,783	3,783	2,978	3,783	3,824	3,824	3,703	3,904
radius in mm	98	94	92	100	94	94	74	94	95	95	92	97
Cat. No.	tubes ²⁾			blood collection / urine tubes				tubes with screw cap				



Adapter

boring Ø x L in mm	13 x 92	17.5 x 95	26 x 88	35 x 96	17.5 x 95	17.5 x 95	17.5 x 95	17.5 x 95	17 x 98	30 x 98	26 x 88	29 x 95
vessels per rotor	18	6	6	6	6	6	6	6	6	3	6	6
Cat. No.	1632	1635	1633	-	1635	1635	1635	1635	1631	1641	1633	1634

ANGLE ROTOR, 12-PLACE | 1133



Rotor

max. RPM max. RCF	5,000 min ⁻¹ 2,879
max. capacity	12 x 7 ml
run up run down, braked in sec	8 10
angle max. noise level	35° 51 dB (A)
Cat. No.	1133



Vessels

capacity in ml	5	6	7
Ø x L in mm	12 x 75	12 x 82	12 x 100
max. RCF ²⁾	2,879	2,879	2,879
radius in mm	103	103	103
Cat. No.	tubes ²⁾		



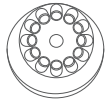
Adapter

boring Ø x L in mm	12.5 x 66	12.5 x 66	12.5 x 66
vessels per rotor	12	12	12
Cat. No.	-	-	-

What makes the 1133 rotor special is its adapters with a decanting aid. The decanting aid firmly holds the tube and keeps it from falling out when the supernatant is decanted. The 1133 rotor is often used in blood typing serology.

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.

ANGLE ROTOR, 12-PLACE | 1139



Rotor

max. RPM max. RCF	6,000 min ⁻¹ 4,146
max. capacity	12 x 15 ml
run up run down, braked in sec	16 16
angle max. noise level	35° 50 dB (A)
Cat. No.	1139

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	7.5-10	10	1.6-5
Ø x L in mm	10.7x46	11 x 38	11 x 38	10 x 88	12x75	12x82	17x100	8x66	13x65	11x66	11x92	13x90	15/16x92	15x102	13x75
max. RCF ²⁾	2,777	2,737	2,737	3,300	3,300	3,300	4,146	3,300	3,300	3,300	4,146	4,146	4,146	4,146	3,300
radius in mm	69	68	68	82	82	82	103	82	82	82	103	103	103	103	82
Cat. No.	Pediatric	microliter tubes			tubes²⁾			blood collection / urine tubes							



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	13,5x60	13,5x60	17,7x88	17,7x88	13,5x60
vessels per rotor	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Cat. No.	1063-6 (6 uds.)			6305	1054-A	1054-A	-	1054-A	1054-A	1054-A	1054-A	1054-A	-	-	1054-A

Vessels

capacity in ml	4-7	8	8.5-10	12	15
Ø x L in mm	13x100	16x125	16x100	17 x 102	17x120
max. RCF ²⁾	4,146	4,146	4,146	4,146	4,146
radius in mm	103	103	103	103	103
Cat. No.	blood collection / urine tubes				-



Adapter

boring Ø x L in mm	13.5x79	17.7x88	17.7x88	13.5x60	17.7x88
vessels per rotor	12	6	12	12	6
Cat. No.	1058	-	-	1054-A	-

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.

PACKAGES

EBA 280 SEROLOGY PACKAGE 1

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 centrifuge	1101	12	1.6 - 5	13 x 75	5,000	2,963
- 1 x swing-out rotor, 12-place	1142					
- 12 x bucket	1127-A					
1101SET1						



EBA 280 BLOOD TUBE PACKAGE 2

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 centrifuge	1101	6	1.1 - 5	13 x 75	4,700	2,618
- 1 x swing-out rotor, 6-place	1146	6	4 - 7	13 x 100	4,700	3,112
- 1 x bucket (set)	1147-6	6	4 - 7	16 x 75	4,700	2,865
- 1 x adapter (set), 1-place	1053-6					
- 6 x adapter, 1-place	1058					
- 1 x spacer (set)	0767-6					
1101SET2						



EBA 280 BLOOD TUBE PACKAGE 3

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 centrifuge	1101	12	1.6 - 5	13 x 75	6,000	3,381
- 1 x angle rotor, 12-place	1139	12	4 - 7	13 x 100	6,000	4,146
- 12 x adapter, 1-place	1059					
- 12 x adapter, 1-place	1058					
1101SET3						



EBA 280 BLOOD TUBE PACKAGE 4

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 centrifuge	1101	8	1.6 - 6	13 x 75	5,000	2,991
- 1 x swing-out rotor, 8-place	1148	8	4 - 10	16 x 75	5,000	2,991
- 8 x bucket	1131-A					
- 8 x bucket	1132-A					
1101SET4						



EBA 280 SEROLOGY DECANTING PACKAGE 5

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 centrifuge	1101	12	5 - 7	12 x 75 / 100	5,000	2,879
- 1 x angle rotor, 12-place	1133					
1101SET5						



EBA 280 S BLOOD TUBE PACKAGE 1

		number of vessels	volume (ml)	size (mm)	RPM	RCF
- 1 x EBA 280 S centrifuge	1102	6	1.1 - 5	13 x 75	6,000	4,266
- 1 x swing-out rotor, 6-place	1146	6	4 - 7	13 x 100	6,000	5,071
- 1 x bucket (set)	1147-6	6	4 - 7	16 x 75	6,000	4,669
- 1 x adapter (set)	1053-6					
- 6 x adapter, 1-place	1058					
- 1 x spacer (set)	0767-6					
1102SET1						



PRODUCT VIDEOS

Would you like to learn more about this product? Scan the QR Code to visit our YouTube channel:

www.youtube.com/hettichlabtechnology



HAEMATOKRIT 200

Haematokrit determination in just 7 minutes

The HAEMATOKRIT 200 is a fast and efficient centrifuge for determining hematocrit count. It runs at 13,000 RPM and accommodates up to 24 capillary tubes to a maximum RCF of 16,060. Results can be clearly viewed with the integrated Haematocrit reader in the rotor lid.

— FEATURES

- RPM: 200 - 13,000 min⁻¹ – adjustable up to 10,000 RPM in increments of 10, above in increments of 100
- Max. RCF: 16,060
- Compact, high-performance hematocrit centrifuge
- IVD-conform according to directive 98/79/EC
- Maximum noise level of ≤ 56 dB(A)
- Impulse key for short cycle mode
- 1 acceleration and 2 deceleration stages
- Easy operation with keypad

— FIELDS OF APPLICATION

- Manufacturers of analyzing systems
- Small hospitals
- Sports medicine



More information about the control panel can be found on [page 202](#)

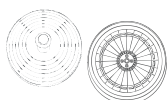


TECHNICAL DATA

HAEMATOKRIT 200	
voltage *)	200 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	270 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	24 capillaries
max. RPM	13,000 min ⁻¹
max. RCF	16,060
running time	1 – 99 min, ∞ continuous run, short cycle mode (impulse button)
dimensions (WxDxH)	261 x 353 x 228 mm
weight	approx. 10 kg
max. noise level	≤ 56 dB (A)
Cat. No.	1801
100 – 127 V 1 ~ / 50–60 Hz	1801-01
emission, immunity	FCC class B

*) Other voltages on request.

AVAILABLE ROTOR




Rotor

max. RPM max. RCF	13,000 min ⁻¹ 16,060
max. capacity	24 capillaries
run up run down, braked in sec	9 16
angle max. noise level	90° 56 dB (A)
measuring lid	inclusive
Cat. No.	INCLUSIVE



Capillaries

Standard	
max. RCF ²⁾	16,060
radius in mm	85
Cat. No.	-



Adapter

boring Ø x L in mm	-
capillaries per rotor	24
Cat. No.	-

HOLDING TRAYS

The holding trays in rotor 2076 are easy to clean and disposable in the case of glass breakage.



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.