

Hettich

**PRODUCTS FOR
BLOOD BANKS**

You can bank on us





MORE THAN 119 YEARS OF QUALITY, SAFETY AND RELIABILITY

Since its foundation in 1904, Hettich has worked with scientists to deliver equipment that meets the demands of the modern laboratory. We have more than a century of experience in the laboratory market to engineer application-specific and general-purpose products that improve workflows and provide the best user experience.



Hettich

GOOD REASONS TO CHOOSE HETTICH

1

Experience

We know centrifuges – Hettich designs, engineers and manufactures centrifugation systems for the full range of blood transfusion applications. From compact hematocrit centrifuges, to floorstanding blood bag centrifuges, Hettich offers complete blood bank centrifugation solutions.

2

Quality

Hettich products are characterised by the highest quality and state-of-the-art technology. Centrifuges and incubators are developed in close cooperation with users from medicine, chemistry, research and industry and are continuously adapted to the latest requirements. Hettich fulfills all applicable EC directives that apply to you. Every work step is subject to strict controls and documentation. The company is ISO 9001, ISO 13485 and ISO 14001 certified. Hettich products are manufactured with care and responsibility, giving them a worldwide reputation for safety and reliability.

3

Safety

A high level of integrated design solutions ensures maximum safety in the laboratory. In the future, we will continue to measure ourselves against the highest quality standards in development and production and continue to comply with the most current global standards and certificates.

4

Seamless product portfolio

Hettich manufactures a complete centrifuge product line ranging from compact tabletop models to high-capacity floorstanding centrifuges, including models for clinical, research, and specialty applications.



THE HETTICH ADVANTAGES

— Hettich’s optimal sample environment

“Even-flow” circulation

Unimpeded air movement maintains a constant “at sample” temperature.

- 1 - Higher accuracy of sample temperature
- Reduced precooling and processing cooling times

Dual temperature sensors in the chamber

Dual temperature sensors provide greater temperature control and more accurate “at sample” temperatures.

- 2

Hygienic chamber

Centrifuge chamber is made with medical grade stainless steel and rounded edges to maximize hygiene. Without a rotor windshield, users can load samples easily and clean the chamber thoroughly for a hygienic sample environment.

- 3

Enhanced safety

The auto-locking lid securely closes the steel guarded chamber for the safe centrifugation of large-sample volumes.

- 4

Reproducible acceleration/deceleration

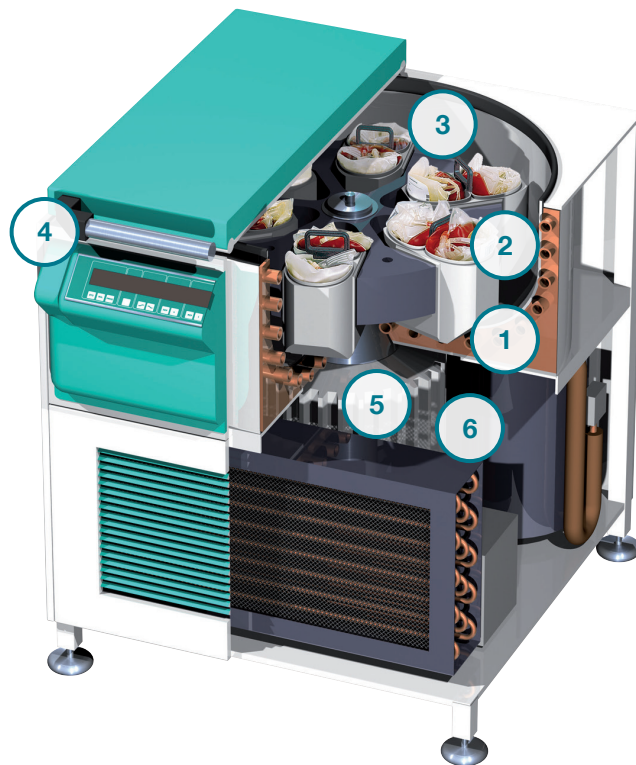
Powerful motor for maximized acceleration to target speed. Quiet, reliable and maintenance free.

- 5

Uniform braking

A variety of braking presets available to ensure centrifuged sample integrity upon completion.

- 6



— Documented quality

For greater transparency in the manufacturing process, the HettInfo documentation system records all crucial steps before and during centrifugation. The Scan Module enables fast and unambiguous recording of blood bag and user data, ensuring complete traceability. For more information on how to increase transparency in your facility and simultaneously install safe and lean processes, see [page 16](#).

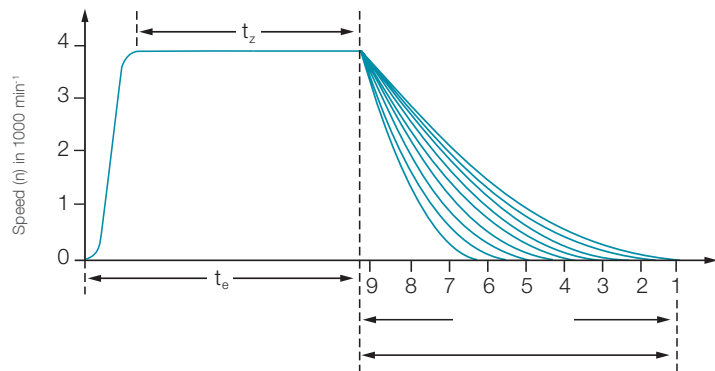


— Best separation results

The braking characteristics of the centrifuge have a decisive influence on the quality of separation achieved, especially at low centrifugation speeds, such as those commonly run in the preparation of platelet concentrate (PC) or platelet rich plasma (PRP).

The regular R-ramps brake the rotor uniformly over the entire down time. Loosely packed sediment may be resuspended during this critical run-down phase. In contrast to this the B-ramps brake the rotor rapidly at first then slowly so that it gently comes to a standstill.

As with the R-ramps, a speed can also be entered for the B-ramps at which the brake is disengaged. The rotor then comes to a stop without braking.



B-ramps enable the carriers to return to a vertical position gently and without vibration before coming to a stop.

— Model variants

To accommodate the diverse needs of blood centers and stem cell processing centers, Hettich centrifuges are available in a variety of models. Most models have the option of built-in temperature control for sensitive samples. External cooling units and other options are also available for centers that need to reduce heat and noise emissions for GMP/GLP requirements. Speak with your local sales representative to learn which Hettich configuration best fits your application.

Air cooled condenser



Standard air-cooled models use an on-board, sealed refrigeration system to maintain desired sample temperature.

Water cooled condenser



GMP version for connection to an external cooling circuit or other cooling medium.

External cooling



GMP, to be connected to an external cooling unit

ROTO SILENTA 630 RS

Air cooled condenser	400V 3~ +N 50-60 Hz	5005
Air cooled condenser	208-220V +6/-10% 3~ +N 50-60 Hz	5005-08
Water cooled condenser	400V 3~ +N 50-60 Hz	5005-80
Brine cooling	400V 3~ +N 50-60 Hz	5005-60
External cooling system	400V 3~ +N 50-60 Hz	5005-90

ROTIXA 500 RS

Air cooled condenser	230-240V 1~ 50 Hz, 220V 1~ 60 Hz	4950
Air cooled condenser	208V 1~, 60 Hz	4950-08
Water cooled condenser	230-240V 1~ 50 Hz, 220V 1~ 60 Hz	4950-80
Water cooled condenser	208V 1~, 60 Hz	4950-88

THE HETTICH ADVANTAGES

— Extensive accessories

Hettliner

The HettLiner is a smart, simple and hygienic accessory that is used to stabilize blood bags during centrifugation. HettLiners reduce the risk of folds and contamination and optimize reproducible product quality.

(Cat. No. [4564](#))



Carriers / inserts

Hettich offers market-leading whole blood processing adapters with stabilizing bag hooks and convenient carrying handles. Built durable: withstands accidental drops and guarantees significantly longer life cycles than competitive products.



Loading station

Secure your samples and avoid accidental spillage with the convenient Loading Station for centrifuge inserts. The Hettich Loading Station allows users to confidently hold and manage their samples without the risk of the inserts toppling over. (Cat. No. [4509](#))



Balancing inserts

Hettich Balancing Inserts make it quick and easy to counterbalance weight if you are spinning an uneven amount of bags. The freedom to adapt the weight of these inserts will speed up your routine and optimize your results. (Cat. No.: [4584-A](#), [4587-A](#), [4589-A](#))



Balancing weights

Hettich Balancing Weights allow users to finely tune rotor weight distribution effortlessly. Weights are easy to clean, and easy to differentiate because of their varying shapes, sizes and colours. (Cat. No. [4566](#))



Longer life cycles

Hettich whole blood processing accessories provide life cycles up to five times longer than that of the competition, giving laboratories a significantly greater return on investment.



— Hettich worldwide

To get help selecting the perfect choice of equipment, sales support or any general inquiry, please contact our Global Customer Service Team. Select your direct contact person by area or search our contact directory on www.hettichlab.com/contact

Europe, UK, Balkans	sales1@hettichlab.com	+ 49 7461 705 1402
Russia, Ukraine, Belarus, Poland	sales1@hettichlab.com	+ 49 7461 705 1402
Africa	sales2@hettichlab.com	+ 49 7461 705 1403
Middle East	sales2@hettichlab.com	+ 49 7461 705 1403
India, Pakistan	sales3@hettichlab.com	+ 49 7461 705 1404
Asia-Pacific	sales3@hettichlab.com	+ 49 7461 705 1404
North- / South America	sales3@hettichlab.com	+ 49 7461 705 1404

— Hettich service

Hettich is active in over 90 countries worldwide. Our global network of Hettich subsidiaries and authorized service providers ensure that customer challenges are addressed quickly and efficiently with real-time solutions. In addition to our German headquarters we have branch offices in throughout Europe as well as the USA (North America) and Singapore (ASEAN) to offer fast, local support. You can find an overview of an authorized service provider for your country on our website: www.hettichlab.com/contact

You can reach our service directly through the following email address:
service@hettichlab.com

ROTO SILENTA 630 RS



— The heart of your blood bank

The premier ROTO SILENTA 630 RS accommodates up to 12 x 750 ml blood bags or 6 x 1 Liter blood bags per run with optimum sedimentation results. The ROTO SILENTA supports multiple workflows with four or six-place rotor options, a powerful motor, intuitive control panel, robust refrigeration system, and a variety of accessories.

— Features

- RPM: 50 - 6,000 min⁻¹ – adjustable in increments of 10
- RCF: 50 - 6,520 – adjustable in increments of 1
- Max. Capacity: 12 x 750 ml bags
- Choice of 2 rotors
- Medical device according to regulation (EU) 2017/745
- Easy operation with keypad and control knob
- 89 program memories for more individuality
- 9 acceleration + 19 deceleration stages
- Temperature control from -20 to +40 °C with pre-cooling function

— Fields of application

- Blood banks and transfusion medicine laboratories
- Hospitals
- Pharmaceutical laboratories
- Food analyzing laboratories
- University / Academic research
- Cell culture laboratories
- Environmental laboratories

— Technical data

ROTO SILENTA 630 RS [>] cooled

voltage *)	400 V 3 ~ + N
frequency	50 – 60 Hz
consumption	9,700 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	6 x 2,000 ml
max. RPM	6,000 min ⁻¹
max. RCF	6,520
running time	1 – 999 min: 59 s, ∞ continuous run
dimensions (WxDxH)	813 x 1,015 x 973 mm
weight	approx. 355 kg
temperature control, infinitely variable	from -20 to +40 °C
Cat. No.	5005

208 – 220 V +6 / -10 % 3- (+N) + PE,
with internal transformer

consumption

weight

5005-08

9,000 VA

approx. 401 kg

*) Other voltages on request.

>) Other models models on request.

— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor	
max. RPM	4,500 min ⁻¹
max. RCF	Rotor 4176 / 4174 6,498 / 5,683
max. capacity	12 / 8 blood bag
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +16 / +10
Cat. No.	4176 / 4174

Bucket	
Cat. No.	4524-A

Blood bag				
capacity in ml		500	500	750
blood bag per system		4-place	4-place	1-place
max. RCF ²⁶⁾	Rotor 4176 / 4174	6,498 / 5,683	6,498 / 5,683	6,498 / 5,683
radius in mm		287 / 251	287 / 251	287 / 251
Cat. No.		-	-	-

Insert				
boring Ø x L in mm		-	-	-
blood bag systems per rotor		12 / 8	12 / 8	12 / 8
Cat. No.		4529²⁶⁾-AO,-AM,-AU	4592-B	4592-B

— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor	
max. RPM	4,500 min ⁻¹
max. RCF	Rotor 4176 / 4174 6,271 / 5,479
max. capacity	12 / 8 blood bag
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +10 / 0
Cat. No.	4176 / 4174

Bucket	
Cat. No.	4546-A

Blood bag		
capacity in ml		450
blood bag per system		4-place
max. RCF	Rotor 4176 / 4174	6,271 / 5,479
radius in mm		277 / 242
Cat. No.		-

Insert		
boring Ø x L in mm		-
blood bag systems per rotor		12 / 8
Cat. No.		4559-A

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

26) Includes blood bag hanging to prevent erythrocyte accumulation at low speeds. Different hanging heights allow customer-specific adjustments. (4529-AO top, 4529-AM center, 4529-AU bottom). Hanging blood bags may be centrifuged with a maximum RCF of 1,000.

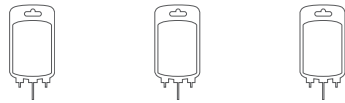
— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor		+	Bucket	
max. RPM	4,500 min ⁻¹		Cat. No.	4591-A
max. RCF	Rotor 4176 / 4174 6,498 / 5,705			
max. capacity	12 / 8 blood bag			
run-up run-down, braked in sec	125 197			
angle temperature in °C ¹⁾	90° +16 / +10			
Cat. No.	4176 / 4174			



Blood bags



	450	500	750
capacity in ml	450	500	750
blood bag per system	3-place	4-place	1-place
max. RCF	Rotor 4176 / 4174 6,498 / 5,705	6,498 / 5,705	6,498 / 5,705
radius in mm	287 / 252	287 / 252	287 / 252
Cat. No.	-	-	-



Insert		+	4598-A	4592-B	4592-B
boring Ø x L in mm	-		-	-	-
blood bag systems per rotor	12 / 8		12 / 8	12 / 8	12 / 8
Cat. No.	4598-A		4592-B	4592-B	4592-B

— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor		+	Bucket	
max. RPM	3,500 min ⁻¹		Cat. No.	4595-C ³¹⁾
max. RCF	Rotor 4176 / 4174 3,848 / 3,328			
max. capacity	6 x 2,000 ml			
angle temperature in °C ¹⁾	90° +16 / -12			
Cat. No.	4176 / 4174			



Vessels



	max. 1,600 ³⁵⁾	2,000
capacity in ml	max. 1,600 ³⁵⁾	2,000
W x D x H in mm	-	150 x 100 x 180
max. RCF	Rotor 4176 / 4174 3,821 / 3,328	3,848 / -
radius in mm	279 / 243	281 / -
run-up, in sec	95 / 131	29 / -
run-down, braked in sec	197 / 197	41 / -
Cat. No.	-	0550²⁴⁾



Insert		+	4596-A	-
W x D x H in mm	145 x 91 x 146		-	-
vessels per rotor	6 / 4		6 / -	-
Cat. No.	4596-A		4596-A	-

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.
 24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.
 31) Adapter for accommodating sample tubes and blood collection tubes in carrier 4595-C on request.
 35) Depending on the sample.

— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor	
max. RPM	4,500 min ⁻¹
max. RCF Rotor 4176 / 4174	6,520 / 5,705
max. capacity	6 / 4 blood bag
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +9 / +3
Cat. No.	4176 / 4174

Bucket	
Cat. No.	4523-A



Blood bags

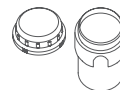


capacity in ml	500	750	1,000
blood bag per system	4-place	1-place	1-place
max. RCF Rotor 4176 / 4174	6,475 / 6,475	5,660 / 5,660	6,520 / 5,705
radius in mm	285 / 250	285 / 250	288 / 252
Cat. No.	-	-	-



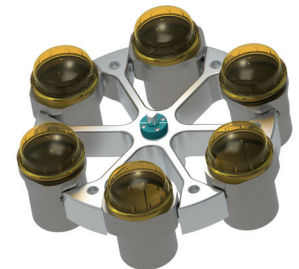
Insert			
boring Ø x L in mm	-	-	-
blood bag systems per rotor	6 / 4	6 / 4	6 / 4
Cat. No.	4516-A	4516-A	-

— Swing-out rotor, 6- / 4-place | 4176 / 4174



Rotor	
max. RPM	4,500 min ⁻¹
max. RCF Rotor 4176 / 4174	6,316 / 5,524
max. capacity	6 / 4 blood bag
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +9 / -9
Cat. No.	4176 / 4174

Bucket	
lid	5621
Cat. No.	4547-B



Blood bags



capacity in ml	500	450
blood bag per system	4-place	3-place
max. RCF Rotor 4176 / 4174	6,316 / 5,524	6,316 / 5,524
radius in mm	279 / 244	279 / 244
Cat. No.	-	-



Insert		
boring Ø x L in mm	-	-
blood bag systems per rotor	6 / 4	6 / 4
Cat. No.	4548	4548

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

ROTIXA 500 RS



— Small footprint – high volumes

Its durable components make the ROTIXA 500 RS a reliable unit with a long service life. High sample capacity and maximum RCF of 18,038 make it suitable for 4 x 450-1,000 ml blood bags. Specially designed buckets keep blood bags upright during centrifugation for improved separation of blood components.

This unit includes refrigeration with a temperature range from -20 °C to +40 °C.

— Features

- RPM: 50 - 11,500 min⁻¹ – adjustable in increments of 10
- RCF: 50 - 18,038 – adjustable in increments of 1
- max. capacity: 4 x 1,000 ml
- Medical device according to regulation (EU) 2017/745
- Easy operation with keypad and control knob
- 89 program memories for more individuality
- 19 individual acceleration and deceleration stages

— Fields of application

- Blood centers
- Hospitals
- Hematology laboratories
- Veterinary laboratories
- Clinical laboratories
- Environmental analyzing laboratories
- University / Academic research
- Automobile industry
- Chemical industry
- Dairy industry

— Technical data

	ROTIXA 500 RS >) cooled	
voltage *)	230 – 240 V 1 ~	220 V 1 ~
frequency	50 Hz	60 Hz
consumption	3,800 VA	
emission, immunity	EN/IEC 61326-1, class B	
max. capacity	4 x 1,000 ml	
max. RPM	11,500 min ⁻¹	
max. RCF	18,038	
running time	1 – 999 min: 59 s, ∞ continuous run	
dimensions (WxDxH)	650x814x973 mm	
weight	approx. 219 kg	
noise level	58 dB (A) with rotor 4282	
temperature control, infinitely variable	from -20 to +40 °C	
Cat. No.	4950	

208 – 220 V +6 / -10 % 3- (+N) + PE,
with internal transformer

weight

4950-08
approx. 225 kg

*) Other voltages on request.
>) Other models on request.

— Swing-out rotor, 4-place | 4294



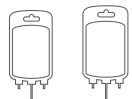
Rotor

max. RPM max. RCF ²⁾	4,500 min ⁻¹ 5,252
max. capacity	4 blood bags
run-up run-down, braked in sec	115 116
angle temperature in °C ¹⁾	90° +2
Cat. No.	4294



Bucket

Cat. No.	4293
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Blood bags

capacity in ml	450	500
blood bags	3-place	3-place
max. RCF ²⁾	5,252	5,252
radius in mm	232	232
Cat. No.	blood bags	



Insert

boring Ø x L in mm	-	-
blood bags per rotor	4	4
Cat. No.	4244-A	4244-A

— Swing-out rotor, 4-place | 4294



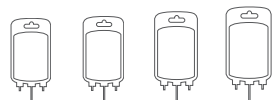
Rotor

max. RPM max. RCF ²⁾	4,500 min ⁻¹ 5,071
max. capacity	4 blood bags
run-up run-down, braked in sec	115 116
angle temperature in °C ¹⁾	90° +3
Cat. No.	4294



Bucket

Cat. No.	4298-A
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Blood bags

capacity in ml	450	500	750	1,000
blood bags	4-place	4-place	1-place	1-place
max. RCF ²⁾	5,003	5,003	5,003	5,071
radius in mm	221	221	221	224
Cat. No.	blood bags			



Insert

boring Ø x L in mm	-	-	-	-
blood bags per rotor	4	4	4	4
Cat. No.	4237-A	4237-A	4237-A	-

1) Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.
 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.

ROTANTA 460 RC | 460 RF



— The capability of a benchtop without the footprint

This modified version of the standard ROTANTA 460 allows for space saving storage below the bench and frees valuable working space from benchtop units. Both units include refrigeration with a temperature range from -20 °C to +40 °C with pre-cooling function.



ROTANTA 460 RC

ROTANTA 460 RF

— Features

- RPM: 50 - 15,000 min⁻¹ – adjustable in increments of 10
- RCF: 50 - 24,400 – adjustable in increments of 1
- Available in two versions as a floor-standing unit or under-bench model
- Max. Capacity: 4 x 1,000 ml
- Specially designed buckets for 4 x 450 ml blood bags
- Medical device according to regulation (EU) 2017/745
- 28 individual acceleration and deceleration stages
- Easy operation with keypad and control knob
- 98 program memories for more individuality

— Fields of application

- Small blood centers
- Hospitals
- Hematological laboratories
- Veterinary laboratories
- Pharmaceutical laboratories
- Food analyzing laboratories
- University / Academic research
- Oil laboratories
- Chemical industry
- Forensic laboratories

— Technical data

	ROTANTA 460 RC refrigerated	ROTANTA 460 RF refrigerated
voltage *)	200 – 240 V 1 ~	200 – 240 V 1 ~
frequency	50 Hz	50 Hz
consumption	1,800 VA	2,000 VA
emission, immunity	EN/IEC 61326-1, class B	EN/IEC 61326-1, class B
max. capacity	4 x 1,000 ml	4 x 1,000 ml
max. RPM	15,000 min ⁻¹	15,000 min ⁻¹
max. RCF	24,400	24,400
running time	1 – 99 h: 59 min: 59 s, ∞ continuous run, short cycle mode	1 – 99 h: 59 min: 59 s, ∞ continuous run, short cycle mode
dimensions (WxDxH)	554 x 697 x 683 mm	554 x 697 x 961 mm
weight	approx. 140 kg	approx. 164 kg
noise level	60 dB (A) with rotor 4474	60 dB (A) with rotor 4474
temperature control, infinitely variable	from -20 to +40 °C	from -20 to +40 °C
Cat. No.	5670	5675
100 – 127 V 1 ~ / 60 Hz ¹⁾	-	5675-01
emission, immunity	-	FCC class B
weight	-	approx. 174 kg

*) Other voltages on request.

— Swing-out rotor, 4-place | 5699-R



Rotor

max. RPM max. RCF ²⁾	4,600 min ⁻¹ 4,637	
max. capacity	4 x 450 ml	
run-up run-down, braked in sec	90 95	
angle temperature in °C ¹⁾	90° +10	
Cat. No.	5699-R	



Bucket

Cat. No.	5691-A
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holder for systems without filter holder for systems with and without filter



Blood bags

capacity in ml	450	450
blood bag	3-place-System	4-place-System
max. RCF ²⁾	4,637	4,637
radius in mm	196	196
Cat. No.	5693	5695



Insert

boring Ø x L in mm	-	-
blood bags per rotor	4	4
Cat. No.	5692	5692

— Swing-out rotor, 4-place | 5654



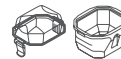
Rotor

max. RPM max. RCF	3,800 min ⁻¹ 3,196	
max. capacity	4 x 1,000 ml	
run-up run-down, braked in sec	61 57	
angle max. noise level	90° 58 dB (A)	
temperature in °C ¹⁾	+3	
Cat. No.	5654	



Bucket

lid bioseal ⁵⁾	5652
Cat. No.	5651-A



Vessels

capacity in ml	225	250	290	450	500	600	650	750	1,000
Ø x L in mm	61 x 137	61 x 122	62 x 137	97 x 110	96 x 147	93 x 134	97 x 139	97 x 152	99/126x140
max. RCF ²⁾	3,196	3,196	3,196	3,196	3,196	3,196	3,196	3,196	3,196
radius in mm	198	198	198	198	198	198	198	198	198
Cat. No.	Falcon® 5127²⁴⁾	-²⁴⁾	4447	Corning® 0551²⁴⁾	0554²⁴⁾	0512²⁴⁾	0512²⁴⁾	-	-



Adapter

boring Ø x L in mm	62 x 100	62 x 100	62 x 100	98 x 100	98 x 100	98 x 100	98 x 100	98 x 100	100/127x68
vessels per rotor	8	8	8	4	4	4	4	4	4
Cat. No.	5681	5681	5681	5687	5687	5687	5687	5687	5669

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

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.

3,10) When using this tubes, bucket 5651-A cannot be closed with lid 5652.

5) Tested by TÜV in conformity with DIN EN 61010, section 2 - 020.

24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.

ROTOLAVIT II



— User friendly serology solutions

The next generation of the proven ROTOLAVIT cell washing system facilitates routine tasks in transfusion laboratories. It was developed for cross-matching, antibody search and differentiation, as well as cell washing in TB tests. Its modern touch screen enables the simple and rapid input of up to 24 different programs. The centrifuge has a small footprint and delivers reliable results without the need for costly consumables.

— Features

- max. RPM: 3,500 min⁻¹
- max. RCF: 1,438
- max. Capacity: 24 x 5 ml
- automatic cell washing system for serological testing
- choice of 2 rotors 12-place or 24-place
- IVDR-konform nach Verordnung (EU) 2017/746
- maximum noise level of ≤ 49 dB (A)
- easy operation with touch screen
- 24 program memories for more individuality
- 7 pre-installed application programs

— Fields of application

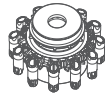
- Blood centers
- Hospitals
- Hematological laboratories
- Clinical laboratories

— Technical data

	ROTOLAVIT II
voltage	100 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	144 VA
emission, immunity	EN/IEC 61326-3-2 / FCC CFR47 part 15, ed 2015-04-21 (e-CFR) class B
max. capacity	24 standard tubes (10 x 75 mm or 12 x 75 mm)
max. RPM	3,500 min ⁻¹
max. RCF	1,438
radius (both rotors)	105 mm
dimensions (HxWxD)	330x480x280 mm
weight	approx. 24.5 kg
max. noise level	≤ 49 dB (A)
Cat. No.	1008-00
11 – 30 V 1 ~ / DC ʹ	1008-03
consumption	144 VA

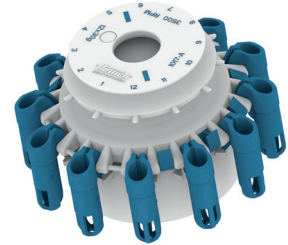
The ROTOLAVIT II is not available in all countries.

— Swing-out rotor, 12-place | 1017-A



Rotor

max. RPM max. RCF	3,500 min ⁻¹ 1,438
max. capacity	12 x 5 ml
angle max. noise level	45° 49 dB (A)
Cat. No.	1017-A



Vessels

capacity in ml	3	5
Ø x L in mm	10 x 75	12 x 75
max. RCF ²⁾	1,438	1,438
radius in mm	105	105
Cat. No.	tubes²⁾	

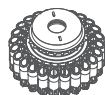


Adapter

boring Ø x L in mm	-	-
vessels per rotor	12	12
Cat. No.	1019 (12 pcs.)	-

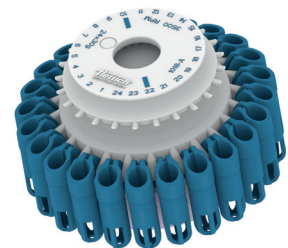


— Swing-out rotor, 24-place | 1018-A



Rotor

max. RPM max. RCF	3,500 min ⁻¹ 1,438
max. capacity	24 x 5 ml
angle max. noise level	45° 49 dB (A)
Cat. No.	1018-A



Vessels

capacity in ml	3	5
Ø x L in mm	10 x 75	12 x 75
max. RCF ²⁾	1,438	1,438
radius in mm	105	105
Cat. No.	tubes²⁾	



Adapter

boring Ø x L in mm	-	-
vessels per rotor	24	24
Cat. No.	1019 (12 pcs.)	-



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.

HETTINFO II DOCUMENTATION SYSTEM

— Transparency and traceability in blood banks

HettInfo II documents important work steps before and during centrifugation – this ensures transparency and traceable processes. The documentation system is operated via a touch display, which guides the user step by step through the centrifugation and records all significant process data.

All documented data points are temporarily stored locally and can be exported directly after the centrifugation or at a defined time as a CSV file. The data can be stored on the network or exported to a USB stick. This makes HettInfo II system independent and facilitates further processing into another software system.



— Good reasons to choose HettInfo II:

- 1 **Touch display**
HettInfo II can be operated simply and easily via the touch display – even with laboratory gloves.
- 2 **Step-by-step instructions**
With the step-by-step instructions, the enduser always knows exactly what to do next. In the event of incorrect operation or errors, a visual and audible message is issued immediately.
- 3 **Automatic data export**
Data obtained can be exported after each run or in specific designated times.
- 4 **Universal data format**
The exported CSV file is easy to process and work independently for greater compatibility with an existing system.

PRODUCT VIDEOS

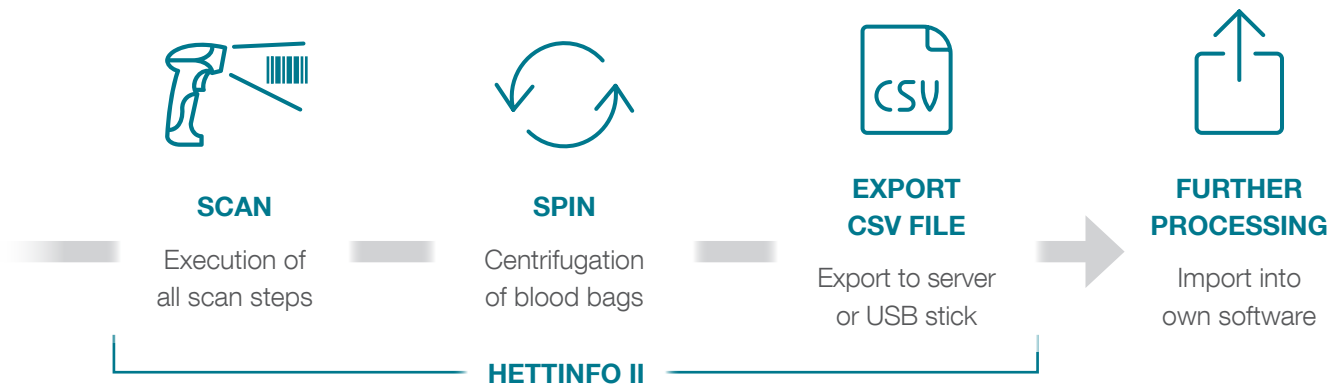
Would you like to learn more about this product? Scan the QR Code to visit our YouTube channel:

www.youtube.com/hettichlabtechnology



DOCUMENTATION PROCESS

- The HettInfo II process at a glance



TECHNICAL FEATURES

- All technical features of HettInfo II

Compatibility	ROTO SILENTA 630 RS, ROTIXA 500 RS
4.3" touch display	Process status display, error messages, settings
User	Any number of users possible
Data logging Scan Module	User ID, blood bag ID, program number
Run data logging	Centrifuge names, centrifuge data, date, start and end time, temperature, radius, acceleration time, braking time, total running time, RPM, RCF, integral RCF, cycle time, brake deactivation speed, end result
File format	CSV
Ports	LAN, USB
Logbook	Documentation of error messages. Export as text file on USB stick possible.



MODULES

— HettInfo II

With HettInfo II you can record running data of your ROTO SILENTA 630 RS or ROTIXA 500 RS centrifuge. To record a complete centrifugation process, we recommend HettInfo II plus Scan Module.



Articles	Includes	Cat. No.
HettInfo II – ROTO SILENTA 630 RS	Firmware, touch display	0955
HettInfo II – ROTIXA 500 RS	Firmware, touch display	0956

— Scan Module

The barcode scanner included in the Scan Module records all data reliably. The ergonomic holder ensures easy handling and offers secure protection when not in use.

Barcode scanners from the HettInfo I series are compatible with HettInfo II and can still be used.



Articles	Includes	Cat. No.
Scan Module – ROTO SILENTA 630 RS	Barcode scanner, bracket, cable clamps	0959
Scan Module – ROTIXA 500 RS	Barcode scanner, bracket, cable clamps	0960

— Add-on Kit

Articles	Includes	Cat. No.
Add-on Kit for model 5005	Firmware, touch display, front panel	E4378
Add-on Kit for model 5005-80	Firmware, touch display, front panel	E4393
Add-on Kit for model 5005-90	Firmware, touch display, front panel	E4416
Add-on Kit for model 4950	Firmware, touch display, front panel	E4409

* Older models on request.

With the Add-on Kit, ROTO SILENTA 630 RS models from model year 01/2008* can be upgraded to HettInfo II. To capture a complete centrifugation process, we recommend the Add-on Kit plus Scan Module.



🕒 05:57 PM
10/Jul/

HettInfo

Start Code ✓

Operator ID ✓

Blood Bag ✓ 12 of max. 12

Program # ✓

End Code ✓

Data complete -> Start centrifugation

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