



Hettich is known throughout the world as a manufacturer of high-quality centrifuges. Indeed, our centrifuges are used beyond the globe in the International Space Station. Most of our centrifuges, however, are used in medical laboratories, research institutes and in industrial labs. Laboratory personnel value Hettich equipment because of its long service life, good design and ergonomics. Our centrifuges have been proven in use for more than 100 years. We make everything ourselves. We carry out our own research and development, design our equipment, make prototypes, tools, rotors, casings and manufacture the centrifuges and accessories in Tuttlingen. Our personnel constantly develop innovative special solutions for our customers. There are currently almost 20 models in our centrifuge range, with numerous variants, from the small manual centrifuge through to high-performance floor-standing models for large laboratories.

### EBA 200

The EBA 200 is a practical centrifuge for use with small sample volumes. The centrifuge is supplied with an angle rotor that can hold up to eight 15 ml tubes.

The EBA 200 is the ideal centrifuge for medical practices. It can also hold glass tubes without the need for an adapter. Adapters for other blood collection tubes are also available on request.



#### Specifications:-

Max. capacity: with angle rotor 8 x 15 ml  
 Max. speed: 6,000 rpm  
 Max. RCF: 3,461  
 Cooling: Air cooling  
 Rotor: Angle rotor for 8 x 15 ml tubes included  
 Dimensions: 228 x 261 x 353 mm (H x W x D)  
 Weight: Approx. 9 kg



### EBA 270

The EBA 270 is a small centrifuge with a swing-out rotor that has been developed specifically for use in medical practices. It is particularly suitable for the centrifugation of sample tubes containing a separating gel and delivers separation results comparable to those of a large centrifuge.



#### Specifications:-

Maximum capacity: with swing-out rotor 6 x 15 ml  
 Max. speed: 4,000 rpm  
 Max. RCF: 2,254  
 Cooling: Air cooling  
 Rotor: Swing-out rotor for 6 x 15 ml tubes with adapters  
 Dimensions: 239 x 326 x 389 mm (H x W x D)  
 Weight: Approx. 13 kg



### HAEMATOKRIT 200

The HAEMATOKRIT 200 is a compact and efficient centrifuge for the determination of the percentage by volume of erythrocytes in blood.

It is furthermore used to derive plasma for the photometric determination of the bilirubin content of the blood of neonates.



#### Specifications:-

Max. speed: 13,000 rpm  
 Max. RCF: 16,060  
 Cooling: Air cooling  
 Rotors: Haematocrit rotor for 24 standard capillary tubes  
 Dimensions: 228 x 262 x 352 mm (H x W x D)  
 Weight: approx. 10 kg



### MIKRO 200R

The MIKRO 200R is the smallest refrigerated centrifuge in the microcentrifuge range of Hettich.

The high-performance cooling enables temperatures to be set anywhere in the range -10 °C to +40 °C. It can be used for molecular biology applications in which a high acceleration and low temperatures are required.



#### Specifications:-

Max. capacity: with angle rotor 30 x 1.5 / 2 ml  
 Max. speed (RPM): 15,000  
 Max. RCF: 21,382  
 Frequently used rotors: Angle rotor for 24 x 1.5 / 2ml, 30 x 1.5 / 2.0ml, 30 x 0.5ml  
 Dimensions: 260 x 281 x 553 mm (H x W x D)  
 Weight: approx. 28 kg



### ROTOFIX 32A

Its high performance makes it the benchmark centrifuge in its class. It is a reliable tool for daily laboratory work in a medical practice or small hospital. It is not only suitable for use in clinical chemistry, it is also an indispensable tool in cytology. Its comprehensive range of accessories make it suitable for use in research and analytical laboratories in chemistry, pharmacy and biotechnology.



#### Specifications:-

Max. capacity: with swing-out rotor 4 x 100 ml  
 Max. capacity: with angle rotor 6 x 85 ml  
 Max. speed (RPM): 6,000  
 Max. RCF: 4,226  
 Refrigeration: Air cooling  
 Frequently used rotors: Swing-out rotor for 4 x100ml (90°), 8x50ml (45°), Angle rotor for 6x85ml  
 Dimensions: 257 x 366 x 430 mm (H x W x D)  
 Weight: approx. 23 kg



### UNIVERSAL 320R

Its comprehensive range of accessories and outstanding performance make the UNIVERSAL 320R the ideal centrifuge for almost every application. The centrifuge separates samples reliably at the desired temperature. It can be set to any temperature in the range -20 °C to +40 °C. In addition, it has a fast cool function.



#### Specifications:-

Max. capacity in a swing-out rotor: 4 x 100 ml  
 Max. capacity in an angle rotor: 6 x 85 ml  
 Max. capacity in a hematocrit rotor: 24 standard capillaries  
 Max. speed (RPM): 15,000  
 Max. RCF: 21,382  
 Frequently used rotors: Swing-out rotor for 4x100ml (90°), Angle rotor for 30x1.5 / 2ml, 6x85ml, Cyto rotor for 6 slide preparations  
 Dimensions: 346 x 401 x 695 mm (H x W x D)  
 Weight: approx. 53 kg



# HETTLITE<sup>Pro</sup>™

Precision, Reliability & Optimisation



### Fully Autoclavable

HETTLITE pro pipettes can be autoclaved at 2 bar, 121°C for 15-20 minutes

### Fully UV resistant

HETTLITE pro pipettes are made from UV-resistant materials, allowing users to leave them in laminar flow hoods during the UV sterilization process, reducing the chances of contamination



### Certification

All HETTLITE pro pipettes are CE certified and each unit of pipette will come with ISO/IEC 17025:2005 calibration certificate



- Single handed, easy and practical volume setting.
- Easy and practical volume setting. Requires 50% fewer turns in comparison to some other brands.
- Ergonomic finger hook for comfortable handling and reducing hand stress.
- Colour-coded, large tip ejector pad for easy volume identification.
- Ergonomic tip ejection reduces thumb workload by up to 70% as compared to other brands. Also makes disassembly easy.
- Serial number is printed on each pipette.

### Ultimate Interior Design



- Steel alloy plunger does not bend or break.
- Thick synthetic polymer seals do not split or leak, can be used for many years without replacement costs.
- Robust steel alloy body protects internal components from damage if dropped.
- Utilises a double-seal design to prevent leakage that may occur with a single seal.
- Large ejection spring provides low ejection forces.
- Aluminium alloy shaft offers superior durability while making tip loading easy and shaft does not wear down from loading friction.

### Dual "0" Ring Technology: Guarantees best tip fit.

- Outer "0" rings make tip loading easy.
- The first "0" ring creates a smooth seal while the second "0" ring creates a positive stop to ensure that the tips are airtight, sealed, and can be ejected with the smallest amount of force.
- Ensure optimal seal. Guarantees usage of any tip with perfect results.



	Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
Single Channel	HETV0002P	0.2 - 2 ul single-channel variable volume pipette	12.00 / 2.00	6.00 / 1.00	Purple
	HETV0010P	0.5 - 10 ul single-channel variable volume pipette	2.50 / 1.00	1.80 / 0.50	White
	HETV0020P	2 - 20 ul single-channel variable volume pipette	5.00 / 1.00	1.50 / 0.30	Grey
	HETV0050P	5 - 50 ul single-channel variable volume pipette	2.00 / 1.00	1.20 / 0.30	Red
	HETV0100P	10 - 100 ul single-channel variable volume pipette	2.50 / 0.70	1.00 / 0.20	Orange
	HETV0200P	20 - 200 ul single-channel variable volume pipette	2.50 / 0.60	0.70 / 0.20	Yellow
	HETV1000P	100 - 1000 ul single-channel variable volume pipette	2.00 / 0.80	0.60 / 0.20	Blue
	HETV5000P	1 - 5 ml single-channel variable volume pipette	1.20 / 0.60	0.30 / 0.15	Green
	HETV10000P	1 - 10 ml single-channel variable volume pipette	1.20 / 0.60	0.30 / 0.15	Green
Multi Channel	HET80010P	0.5 - 10 ul 8-channel variable volume pipette	5.00 / 2.00	3.60 / 1.00	White
	HET80100P	10 - 100 ul 8-channel variable volume pipette	2.50 / 1.30	1.20 / 0.50	Orange
	HET80300P	30 - 300 ul 8-channel variable volume pipette	1.66 / 1.40	0.60 / 0.30	Black
	HET120010P	0.5 - 10 ul 12-channel variable volume pipette	5.00 / 2.00	3.60 / 1.00	White
	HET120100P	10 - 100 ul 12-channel variable volume pipette	2.50 / 1.30	1.20 / 0.50	Orange
HET120300P	30 - 300 ul 12-channel variable volume pipette	1.66 / 1.40	0.60 / 0.30	Black	

## HettCube INCUBATORS AND COOLED INCUBATORS



The HettCube range is manufactured in Germany. HettCube range combines the advantages of natural and forced convection. The fan is housed outside the usable space, so that there is a low air flow inside the incubator. The temperature is maintained by radiated heat, preventing the formation of hot spots.

Specification	HettCube 200 / 200R	HettCube 400 / 400R	HettCube 600 / 600R
Temperature range	1K above ambient temperature to +65°C / 0°C to + 65°C		
Internal volume (L)	150	310	520
Number of shelves	2	3	4
Maximum number of shelves	4	9	16
Recovery time after door has been opened for 30s at +37°C	≤3 min	≤4.5 min	≤5.5 min