

# HAEMATOKRIT 200

## Haematocrit centrifuge

Rapid: Determination of the haematocrit in minutes



# HAEMATOKRIT 200



**View into the centrifuging chamber**  
showing rotor 2076 with lid as  
evaluation disc

## SAVE TIME – ITS RAPID ACCELERATION DELIVERS RESULTS QUICKLY AND RELIABLY

The HAEMATOKRIT 200 is a compact centrifuge to efficiently determine the erythrocyte volume fraction in blood. It can hold up to 24 capillaries per run at an RCF of up to 16,060. The maximum packing density of the cells is achieved within seven minutes. The cell-free plasma is then available for further tests. This model additionally offers a number of features which have been designed to make daily routines simpler and safer.

Its performance makes this model suitable for use in neonatology, haematology and sports medicine.

### **USER-FRIENDLY ACCESSORIES AND HIGH CAPACITY**

The accessories range of the centrifuge includes a haematocrit rotor for 24 standard capillaries and a disc rotor for 20 capillaries for buffy coat analysis. A lid is included with both rotors.



**HAEMATOKRIT 200**  
Haematocrit centrifuge

**Cat. No. 1801**

# HAEMATOKRIT 200



## STURDY DESIGN

This centrifuge is of outstanding design with high-quality components. These include a metal lid and a deep metal chamber which securely holds the rotor.

## PRACTICAL FUNCTIONS

The rotor lid at the same time serves as an evaluation disc, enabling the haematocrit values to be read off without difficulty after sedimentation, without first having to remove the capillaries. This saves time and offers additional safety.

## MAXIMUM SAFETY

Its unique rotor design ensures safe centrifugation: Each capillary has its own chamber in the segmented haematocrit rotor and is cushioned by a holding tray at the outer rim. This provides optimum protection if the glass breaks. The sturdy housing and solid design ensure mechanical safety.



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

**Cat. No. E1400** (24 trays)

## AT A GLANCE



### FIELDS OF APPLICATION

- **Haematology**  
Determination of the haematocrit for diagnostic purposes
- **Sports medicine**  
Determination of the haematocrit for doping tests
- **Neonatology**  
Sample preparation for photometric determination of bilirubin in the blood of neonates

### EASE OF OPERATION

- Time-saving read-off of the haematocrit value from the rotor
- Practical control panel allows time and speed to be set quickly and easily
- The remaining run time and speed are shown on the display

### SAFETY

- Lid locking and holding
- Lid dropping protection
- Emergency lid lock release
- Imbalance switch-off
- Motor overheating protection

### DESIGN

- Ergonomically designed controls
- Well readable display
- Solid lid
- Deep metal chamber

### MAX. RCF

- 16,060

### MAX. CAPACITY

- 24 standard capillaries (in the haematocrit rotor)

### OUR SERVICE

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# ACCESSORIES AND TECHNICAL DATA



## Haematocrit rotor, 24-place



$n = 13,000 \text{ min}^{-1}$   
max. RCF 16,060

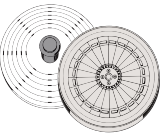
### Cat. No. 2076

## Disc rotor, 20-place, for buffy coat analysis



$n = 13,000 \text{ min}^{-1}$   
max. RCF 16,060

### Cat. No. 2056<sup>1)</sup>

|                                      |                                                                                  |                               |
|--------------------------------------|----------------------------------------------------------------------------------|-------------------------------|
| standard capillaries, heparinised    | basic                                                                            | self-sealing and mylar-coated |
| <b>Cat. No.</b>                      | <b>2074</b>                                                                      | <b>1071</b>                   |
| lid as evaluation disc incl.         |  |                               |
| <b>rotor</b><br><b>Cat. No. 2076</b> |                                                                                  |                               |
| <b>Cat. No.</b>                      | <b>2077</b>                                                                      | -                             |
| boring Ø x L in mm                   | -                                                                                |                               |
| capillaries per rotor                | 24                                                                               |                               |
| max. RCF                             | 16,060                                                                           |                               |
| radius in mm                         | 85                                                                               |                               |
| run-up in sec                        | 9                                                                                |                               |
| run-down in sec, braked              | 16                                                                               |                               |

|                                                   |                                                                                   |
|---------------------------------------------------|-----------------------------------------------------------------------------------|
| capillaries                                       | for quantitative buffy coat analysis                                              |
| <b>Cat. No.</b>                                   | -                                                                                 |
| lid incl.                                         |  |
| <b>rotor</b><br><b>Cat. No. 2056<sup>1)</sup></b> |                                                                                   |
| <b>Cat. No.</b>                                   | -                                                                                 |
| boring Ø x L in mm                                | -                                                                                 |
| capillaries per rotor                             | 20                                                                                |
| max. RCF                                          | 16,060                                                                            |
| radius in mm                                      | 85                                                                                |
| run-up in sec                                     | 9                                                                                 |
| run-down in sec, braked                           | 16                                                                                |

| TECHNOLOGY                                                                         |                  | HAEMATOKRIT 200                                            |                          |
|------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|--------------------------|
| Haematocrit centrifuge, without rotor                                              |                  |                                                            |                          |
| Power supply <sup>1)</sup>                                                         |                  | 208–240 V 1 ~                                              | 100–127 V 1 ~            |
| Frequency                                                                          |                  | 50–60 Hz                                                   | 50–60 Hz                 |
| Consumption                                                                        |                  | 270 VA                                                     | 290 VA                   |
| Emission, Immunity                                                                 |                  | EN/IEC 61326-1, class B                                    | FCC class B              |
|  | Max. capacity    | 20/24 capillaries                                          | 20/24 capillaries        |
|                                                                                    | Max. RPM (speed) | 13,000 min <sup>-1</sup>                                   | 13,000 min <sup>-1</sup> |
|                                                                                    | Max. RCF         | 16,060                                                     | 16,060                   |
| Running time                                                                       |                  | 1–99 min, ∞ continuous run, short cycle mode (impulse key) |                          |
| Dimensions (HxWxD)                                                                 |                  | 228 x 262 x 352 mm                                         | 228 x 262 x 352 mm       |
| Weight                                                                             |                  | approx. 10 kg                                              | approx. 10 kg            |
| Cat. No.                                                                           |                  | 1801                                                       | 1801-01                  |

<sup>1)</sup> Not suited for standard capillaries.

<sup>2)</sup> Other voltages on request.



Hettich centrifuges comply with all relevant EU standards in effect and conform to the European level of quality and safety for medical devices. Evidence is provided by national and international test marks such as IEC 61010 or the CE conformity. The ISO 9001, ISO 13485 and ISO 14001 certificates accredited to the company bear witness to the extreme care and responsibility Hettich puts into the manufacturing of centrifuges and their accessories.



Our certification as an "Authorised Economic Operator" enables accelerated customs clearance.



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LAB TECHNOLOGY