



LabService
Providers

LABORATORY EQUIPMENT & INSTRUMENTATION
PRODUCT CATALOGUE

CENTRIFUGES

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Hettich

EBA 200 / 200S

- Compact clinical centrifuge offering performance and safety for small sample volumes.
- Versatile, 8-place, fixed angle rotor.
- Adjustable LCD display for convenient and fast operation.
- Supports 19 application configurations (standard, blood tube, paediatric, urinalysis, conical up to 50 ml) with additional, custom packages available.
- High performance S Version: 8,000 RPM fixed angle rotor; rapid separation for quick turnaround of time sensitive samples; RCF of 6,153 – making it ideal for STAT, PPP and Coag; achieve consistent platelet counts in minutes for PPP.
- Maximum capacity of 8 x 15 ml.
- Max.RPM/RCF: 6,000/3,461 / 8,000/6,153 (S Version).
- External Dimensions: 228 x 261 x 353 mm.
- Internal Dimensions: 9 x 10 x 14 mm.
- Weight: 9 Kg / 11 Kg (S Version).
- Full range of accessories available.



EBA 270

- Small centrifuge with inbuilt, 6-place, 90° swing-out rotor.
- For flat separation of all blood, SST/gel, urine and paediatric tubes.
- Ideal for off-site draw locations, physician's office laboratories and veterinary offices.
- Includes 6 adapters 13 x 75/100 mm, 6 adapters 16 x 75/100 mm, 6 adapters paediatric.
- Maximum capacity of 6 x 15 ml.
- Maximum RPM/RCF of 4,000/2,254.
- Temperature control – ambient.
- External Dimensions: 239 x 326 x 389 mm.
- Internal Dimensions: 9 x 13 x 15 mm.
- Weight: 14 Kgs.
- Full range of accessories available.



MIKRO 185

- Combines small footprint with unmatched capacity.
- Suitable for hospitals, paediatric hospitals, blood centres, university laboratories, forensic laboratories, paternity testing laboratories as well as pharmaceutical and food laboratories.
- Accommodates 12, 18 or 24 samples and is suitable for a wide range of tasks due to a maximum RCF of 18,845 and choice of four rotors.
- Spin column kits (mini-preps) can also be used due to the specific design of the 1213-A rotor.
- RPM: 200 - 14,000 min.
- Adjustable up to 10,000 RPM in increments of 10, above in increments of 100.
- Noise level of ≤ 54 dB(A).
- Impulse button for short centrifugation.
- Plastic housing with metal lid (including a viewing port) and light alloy chamber.
- One hand lid lock and lid dropping protection with emergency lock release.
- Imbalance monitoring and switch off.
- Backlit panel with actual values of all parameters.
- Audio and visual indication of completion.
- Full range of accessories available.





MIKRO 200 / 200R

- Designed for rapid results in molecular biology.
- One of the fastest microliter centrifuges in its class.
- Suitable for hospitals, paediatric hospitals, blood centres, university laboratories, forensic laboratories, paternity testing laboratories as well as pharmaceutical and food laboratories.
- Maximum RCF of 21,382, with up to 30 tubes, facilitates rapid processing of samples and optimal separation.
- Rotors designed to spin microliter and PCR tubes.
- Spin PCR mini-kits including spin columns and microliter tubes to sediment subcellular particles or bacteria.
- Spin paediatric tubes as well as PCR mini-kits including spin columns and lipemic samples.
- Low noise level of 54 dB(A).
- Available with refrigeration and a temperature range from -10 °C to +40 °C (200R Version).
- Dimensions: 275 x 344 x 260 mm | 281 x 553 x 260 mm (200R).
- Maximum capacity of 30 x 1.5 / 2 ml.
- Maximum RPM of 15,000 min-1
- Weight: 11,5 Kg / 28 Kg (200R).
- Full range of accessories available.



ROTANTA 460RC / 460RF

- Floor standing / under bench centrifuge with a choice of 8 rotors.
- High throughput and suitable for large laboratories such as blood banks or busy clinical laboratories.
- Medical Device according to directive 93/42/EC.
- 28 individual acceleration and deceleration stages.
- 98 programmable steps.
- Small blood bag systems can be accommodated for autologous blood donations.
- One rotor takes multiple tube types, bottles, blood bags and plates so no time wasting rotor change is required.
- Both units include refrigeration with a temperature range from -20 °C to +40 °C.
- Maximum capacity of 4 x 750 ml.
- Maximum RCF of 24,400.
- Maximum RPM of 15,000 min-1.
- Weight: 140 Kg / 164 Kg.
- Dimensions: 554 x 697 x 683 mm | 554 x 697 x 961 mm.
- Speciality rotors and accessories for ASTM, Babcock, Schlenk and Chrome bath tubes.
- For PCR maxi / 96 kits – a unique, high speed plate rotor spinning SBS format plats at up to 6,446 RCF is available as well as accessories for cell cultures.
- Metal housing and lid (with viewing port), and stainless steel chamber.
- One hand lid lock and lid dropping protection with emergency lock release.
- Automatic rotor recognition.
- Imbalance monitoring and switch off.
- Audio and visual indication of completion.
- Full range of accessories available.

ROTIXA 500RS

- Compact, floor standing centrifuge for high-throughput processing of blood collection butts as well as blood bag centrifugation.
- Suitable for use in hospitals, haematology laboratories, blood centres, veterinary laboratories, clinical laboratories, environmental laboratories, university laboratories as well as in the chemical, Dairy and automobile industries.
- Durable, reliable unit with long service life and a choice of 5 rotors.
- Medical Device according to directive 93/42/EC.
- 19 individual acceleration and deceleration stages.
- 89 programmable steps.
- High sample capacity and maximum RCF of 18,038.
- Accommodates 4 bottles up to 1,000 ml, specialty racks, as well as containers and vessels for various applications.
- Specially designed buckets keep blood bags upright during centrifugation for improved separation of blood components.
- Specialty rotors and accessories for ASTM, Babcock, Schlenk and Chrome bath tubes.
- High capacity accessories for plates and racks available for an array of assays.
- Includes refrigeration with a temperature range from -20°C to +40°C.
- Metal housing and lid (with viewing port), and stainless steel chamber.
- One hand lid lock and lid dropping protection with emergency lock release.
- Automatic rotor recognition.
- Imbalance monitoring and switch off.
- Audio and visual indication of completion.
- Full range of accessories available.



UNIVERSAL 320 / 320R

- Compact, versatile, general purpose, benchtop centrifuge with an autoclavable bio-containment lid.
- Choice of 18 rotors.
- Eliminates the need for a dedicated cyto-centrifuge with associated cost and bench space savings.
- 9 individual acceleration and 10 deceleration stages and 9 programmable steps.
- Accommodates virtually all centrifuging tasks including plates, blood tubes, cell culture, microliter and cytology.
- Suitable for use in small laboratories, hospitals, physician's office laboratories, veterinary laboratories, cell culture laboratories, research laboratories, as well as in the Pharmaceutical and Food industries.
- Suitable for spinning blood tubes and urine tubes in swing out rotors as well as in angle rotors.
- Unique bio-seal, 12-place clip rotor or the flexible and economic two-step accessories.
- Up to 8 x 50ml conical tubes for the passaging of cells in cell culture possible.
- Also spins microplates for solid phase assays.
- Available with refrigeration and a temperature range from -20 °C to +40 °C (320R Version).
- RPM: 500 - 16,000 min -1 adjustable in increments of 10.
- Maximum RCF of 24,900.
- Maximum capacity of 4 x 200 ml / 6 x 94 ml.
- Noise level of 48 dB(A).
- Metal housing and lid (with viewing port), and stainless steel chamber.
- One hand lid lock and lid dropping protection with emergency lock release.
- Automatic rotor recognition.
- Imbalance monitoring and switch off.
- Impulse button for short centrifugation.
- Audio indication of completion.
- Full range of accessories available.





ROTINA 380 / 380R

- High speed, compact, bench-top centrifuge.
- Wide array of accessories for multiple applications in just one rotor.
- 9 individual acceleration, 10 deceleration stages and 98 programmable steps.
- Size and performance makes it ideal for most clinical research and industrial laboratories.
- Suitable for hospitals, paediatric hospitals, blood centres, university laboratories, forensic laboratories, paternity testing laboratories as well as pharmaceutical and food laboratories.
- Ideal for laboratories processing large quantities of blood collection tubes in swing-out rotors and angle rotors.
- Equipment for medium sized PCR kits available as well as for 5ml conical tubes reaching 4.800g.
- 50ml conical tubes for the passaging of cells in cell culture possible.
- Also spins microplates for solid phase assays.
- Available with refrigeration and a temperature range from -20 °C to +40 °C (380R Version).
- Maximum capacity of 4 x 290 ml.
- Maximum RCF of 24,400
- Maximum RPM of 15,000 min⁻¹
- Weight: 51 Kg / 81 Kg.
- Dimensions: 457 x 600 x 418 mm | 457 x 750 x 418 mm.
- Metal housing and lid (with viewing port), and stainless steel chamber.
- One hand lid lock and lid dropping protection with emergency lock release.
- Automatic rotor recognition.
- Imbalance monitoring and switch off.
- Audio indication of completion.
- Full range of accessories available.



MIKRO 220 ROBOTIC

- Compact, high performance, robotically operated microliter centrifuge.
- PC activation for automated processes and optimised workflow.
- Ideal centrifuge for sample preparation in Life Science research laboratories, as well as for daily routine tasks in medical diagnostics or industrial quality control.
- Continuous status communication.
- High speed (up to 18,516 x g).
- 90° swing-out rotors for microliter and HPLC tubes.
- Samples are precisely positioned under a hatch in the lid for extraction. An optical encoder allows positioning to within 0.5 mm.
- Spins tubes up to 2.0 ml quickly and safely.
- Maximum RCF of 18,516; Maximum RPM of 13,000 min⁻¹.
- Dimensions: 410 x 414 x 267 mm.



ROTINA 380 ROBOTIC

- Compact, high performance, robotically operated microliter centrifuge.
- PC activation for automated processes and optimised workflow.
- Available in bench-top and under bench versions.
- Available with or without temperature control.
- 48 blood tubes and 6 microtiter plates
- Samples are precisely positioned under a hatch in the lid for extraction. An optical encoder allows positioning to within 0.5 mm.
- Continuous status communication.
- Ideally suited as an automated workstation for routine clinical chemistry.
- Suitable for high throughput clinical laboratories, large hospital laboratories, pharmaceutical laboratories, food laboratories, genetic engineering laboratories,
- Suitable for centrifuging microtiter plates and blood collection tubes, STAT samples.
- Suitable for automated sample preparation prior to FACS analysis or flow cytometry in fields such as genetic or pharmaceutical research.
- Maximum RCF of 4,696 x g; Maximum RPM of 5,100 min⁻¹.
- Dimensions: 470 x 579 x 447 mm.



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