

Hematology at it's best !



Blood cell counting & Coagulation
ISO-Certified 9001 : 2000

***WELCOME TO
MEDICINE DEVICES
and
AL SYSTEME !***

Since 1982 a range of high-end hematology blood cell analyzers and coagulation instruments for small and medium sized medical laboratories are developed and manufactured in the Technology Region of **Karlsruhe/Germany**

Karlsruhe is a city with about 400,000 citizens and has a very famous Technical University. It is located in southwest of Germany between the north end of the black forest and the french border.



The headquarter of AL Systeme and Medicine Devices

The highly sophisticated medical instruments are sold by partially very considerable distributors all around the world. A great part of the first delivered blood cell analyzers is still working daily in doctors surgery or hospitals medical laboratories.

MEDICINE DEVICES instruments are sold worldwide...



ISO 9001 : 2000
Certificate Registration Number:
DE-241322 QM





MDC 4000

The fully automated 22-Parameter-Hematology Analyser MDC 4000 and MDC 4000vet

Determination of the parameters RBC,PLT,MPV,HCT,MCV,WBC,HGB,MCH,MCHC, PLT (PRP), PCT, RDW-SD, RDW-CV,PDW, RCDW, LCDW, LYM#,LYM%,MID#, MID%, GRAN#,GRAN%,

- easy handling
- 3 Histograms RBC, PLT, WBC differential
- Capacity: 60 analyses per hour
- memory for 250 patient data
- quality control program
- volume control
- low reagent consumption
- automatic sample tube cleaning
- built in dispenser
- auto-clean
- patient data management software



MDC 2000

The semi automated 16-Parameter-Hematology Analyser MDC 2000 with built-in diluter

Determination of the parameters RBC,PLT,MPV,HCT,MCV,WBC,HGB,MCH,MCHC, PCT, LYM#,LYM%,MID#, MID%, GRAN#,GRAN%,

- easy handling
- 3 Histograms RBC, PLT, WBC differential
- Capacity: 60 analyses per hour
- memory for 250 patient data
- quality control program
- volume control
- low reagent consumption



MDC 400-1000

The most money saving single channel semi-automated Human and Veterinary Hematology Analysers

with different number of parameters, with separate Diluter or pipetting for manual dilution Capacity of all models: about 30 analyses per hour

- MDC 400:** WBC, RBC, HGB + MCV
- MDC 700:** WBC, RBC, HGB, MCV, HCT + MCH and MCHC
- MDC 800:** WBC, RBC, HGB, MCV, HCT, PLT + MCH u. MCHC
- MDC 1000:** WBC, RBC, HGB, MCV, HCT, PLT, MPV, PCT+ MCH, MCHC + 3 histograms on printer hard copy
- MDC 1000vet, MDC 1000part, MDC 1000milk and MDC 1000yeast**



The mixer for up to 60 blood collection tubes



The differential counter for WBC and Reticulocytes





HemoClot MC-1000-plus

Economic, semiautomated 1-channel coagulation analyzer for small routine laboratories and emergency.

- double turbodensimetric and optical
- open system
- microvolume
- built in calculator (results in s, %, Ratio, INR, g/l, mg/dl, autom. calculation of mean values)
- Pipette for startreagent 20 x 200 µl as an option
- connectable to external printer (optional)
- memory function for calibration curves



HemoClot MC-2000-plus

Economic, semiautomated 2-channel coagulation analyzer for small routine laboratories and emergency.

- double turbodensimetric and optical
- open system
- microvolume
- built in calculator (results in s, %, Ratio, INR, g/l, mg/dl, autom. calculation of mean values)
- Pipette for startreagent 20 x 200 µl as an option
- connectable to external printer (optional)
- memory function for calibration curves
- built in printer



HemoClot MC-4000-plus

Economic, semiautomated 4-channel coagulation analyzer for small routine laboratories and emergency.

- double turbodensimetric and optical
- open system
- microvolume
- built in calculator (results in s, %, Ratio, INR, g/l, mg/dl, autom. calculation of mean values)
- Pipette for startreagent 20 x 200 µl as an option
- connectable to external printer (optional)
- memory function for calibration curves
- built in printer



Hematology reagents

Medicine Devices and AL Systeme

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