



Al-Hami

Medical Equipment LLC

Products Catalogue

Hematology



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY



XN-1000

- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** 88 μ L in whole blood
- **Throughput :** up to 100 samples/h
- **Parameters :** WBC, NRBC%, NRBC#, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MicroR%, MacroR%, PDW, MPV, P-LCR, PCT, NEUT%, NEUT#, LYMPH%, LYMPH#, MONO%, MONO#, ...

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY



XN-550

- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** 25 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY

XN-450



- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** 25 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY

XN-350



- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** 25 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY

XT-1800i



- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** **Close mode**150 μ L – **Manual mode**85 μ L
- **Throughput :** up to 80 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT (Impedance and Fluorescent Optical) NEUT%, LYMPH%, MONO%, EO%, BASO%, NEUT#, LYMPH#, MONO#, EO#, ...

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY

XS-500i



- **Measurement principles:** Fluorescence Flow Cytometry
- **Aspiration volume :** 20 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT%, LYMPH%, MONO%, EO%, BASO%, NEUT#, LYMPH#, ...

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



HEMATOLOGY

XP-300



- **Measurement principles:** DC detection method
- **Aspiration volume :** 50 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT , MCV, MCH, MCHC, PLT, LYM% (W-SCR),MXD% (W-MCR), NEUT% (W-LCR), LYM# (W-SCC) , MXD# (W-MCC) NEUT# (W-LCC) , RDW-SD, RDW-CV, PDW, MPV, ...

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



NIHON KOHDEN

HEMATOLOGY



Celltac Es

- **Measurement principles:** PATENTED LASER TECHNOLOGY
- **Aspiration volume :** 55 μ L in whole blood
- **Throughput :** up to 60 samples/h
- **Parameters :** WBC, NE%, LY%, MO%, EO%, BA%,NE#, LY#, MO#, EO#, BA#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD,PLT, PCT, PDW, MPV

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



NIHON KOHDEN

HEMATOLOGY



Celltac G

- **Measurement principles:** DynaHelix Flow technology
- **Aspiration volume :** 85 μ L in whole blood
- **Throughput :** up to 90 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PCT, MPV, PDW, P-LCR, NE, NE%, LY, LY%, MO, MO%, EO, EO%, BA, BA%, P-LCC*, Mentzer Index*, RDWI*, IG%*, IG#*, ..

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



**BECKMAN
COULTER**

HEMATOLOGY

DxH 600



- **Measurement principles:** flow cytometry
- **Aspiration volume :** 165 μ L in whole blood
- **Throughput :** CBC 100 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, RDW-SD, PLT, MPV, NEUT#, LYMPH#, MONO#, EO#, BASO#, NRBC#, NEUT%, LYMPH%, MONO%, EO%, BASO%, NRBC%, RETIC%, RETIC#, MRV, IRF

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



**BECKMAN
COULTER**

HEMATOLOGY



AcT diff 5

- **Measurement principles:** Electrical impedance, Cytochemistry
- **Aspiration volume :** 30-53 μL in whole blood
- **Throughput :** CBC 60 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%

www.alhamico.com

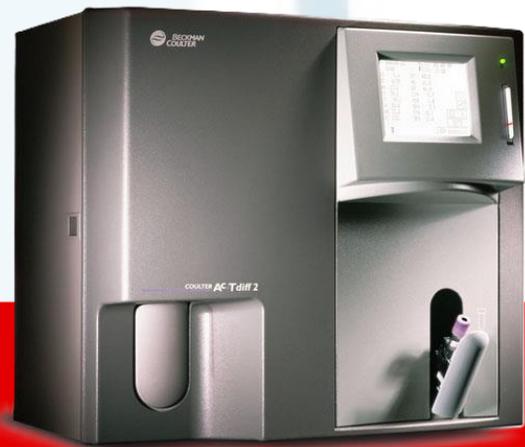


Al-Hami
Medical Equipment L.L.C



**BECKMAN
COULTER**

HEMATOLOGY



AcT diff 2

- **Measurement principles:** Electrical impedance, Cytochemistry
- **Aspiration volume :** 18 μ L in whole blood
- **Throughput :** 50-60 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, LY%, LY#, MO%, MO#, GR%, GR#

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



Abbott

HEMATOLOGY

Cell Dyn
Ruby



- **Measurement principles:** MultiAngle Polarized Scatter Separation (MAPSS)
- **Aspiration volume :** 230 μ L in whole blood
- **Throughput :** 84 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, RETIC, PLT, MPV, NEU #/%, LYM #/%, MON #/%, EOS #/%, BAS #/%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C



Abbott

HEMATOLOGY

Cell Dyn
Emerald



- **Measurement principles:** Electrical impedance
- **Aspiration volume :** 9 μ L in whole blood
- **Throughput :** 57 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, LYM%, LYM#, MID%, MID#, GRAN%, GRAN# (18 CBC parameters with 3-part differential)

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

mindray™

HEMATOLOGY

BC-6000



- **Measurement principles:** Fluorescence; Cube: 3D analysis
- **Aspiration volume :** 80 μ L in whole blood
- **Throughput :** CBC 110 samples/h – CBC/Retic 74 sample/h
- **Parameters :** WBC, Lym%, Mon%, Neu%, Bas%, Eos%, IMG%, Lym#, Mon#, Neu#, Eos#, Bas#, IMG#; RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, NRBC#, NRBC%; PLT, MPV, PDW, PCT, ...

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

mindray™

HEMATOLOGY

BC-5380



- **Measurement principles:** Flow Cytometry (FCM),
- **Aspiration volume :** 20 μ L in whole blood
- **Throughput :** CBC 120 samples/h – CBC/Retic 74 sample/h
- **Parameters :** WBC, Lym%, Mon%, Neu%, Eos%, Bas%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, LIC%, LIC#, ALY%, ALY#

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

SIEMENS
Healthineers

HEMATOLOGY

Advia 2120i



- **Measurement principles:** flow cytometry cytochemical staining
- **Aspiration volume :** 175 μ L in whole blood
- **Throughput :** CBC 120 samples/h – CBC/Retic 74 sample/h
- **Parameters :** WBC, NE%, LY%, MO%, EO%, BA%, NE#, LY#, MO#, EO#, BA#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PCT, PDW, MPV

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

SIEMENS
Healthineers

HEMATOLOGY

Advia 560



- **Measurement principles:** Laser-based flow cytometry
- **Aspiration volume :** 20 μ L in whole blood
- **Throughput :** CBC 60 samples/h
- **Parameters :** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-CV, RDW-SD, MPV, PDW, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

SIEMENS
Healthineers

HEMATOLOGY

Advia 120



- **Measurement principles:** Peroxidase flow cytometry / impedance
- **Aspiration volume :** 175 μ L in whole blood
- **Throughput :** CBC 120 samples/h
- **Parameters** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, CHCM, RDW, HDW, CH, CHDW, PLT, MPV, PDW, PCT, NEUT#, LYMPH#, MONO#, EOS#, BASO#, LUC#, NEUT%,

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

HORIBA

HEMATOLOGY

Pentra
XL-80



- **Measurement principles:** Impedance & optical measurement methods
- **Aspiration volume :** 53 μ L in whole blood
- **Throughput :** 80 samples/h
- **Parameters:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS%

www.alhamico.com



Al-Hami
Medical Equipment L.L.C

HORIBA

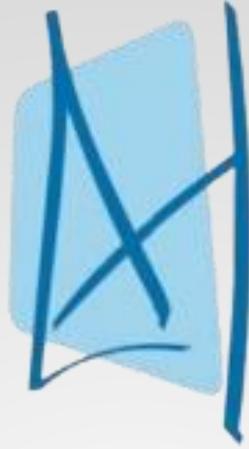
HEMATOLOGY



Pentra 60 C+

- **Measurement principles:** Laser scatter + cytochemistry
- **Aspiration volume :** 53 μ L in whole blood
- **Throughput :** CBC 60 samples/h – CBC/Retic 74 sample/h
- **Parameters :** WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.

www.alhamico.com



Al-Hami

Medical Equipment LLC

www.alhamico.com



info@alhamico.com



+971-50 - 8507636