

Dual Diff Hematology Analyzer Hemix 9080

PT. Sarana Maju Sejahtera

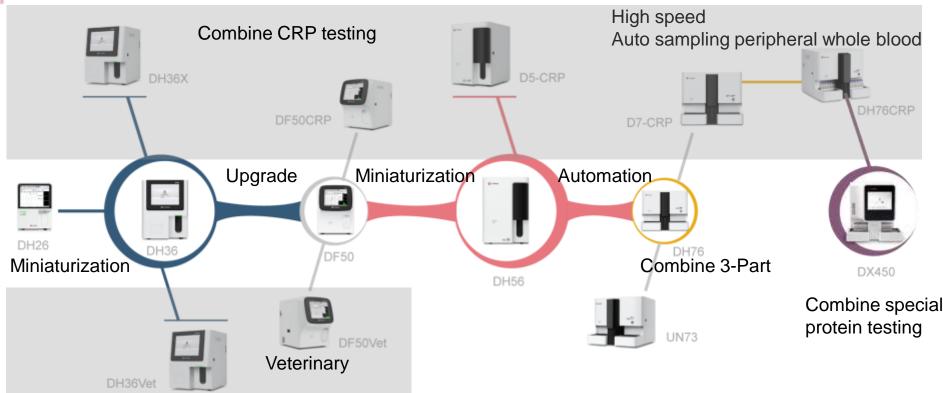


01

Brief Introduction







	3-PART	MINI 5-PART	5-PART	High-end
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Hemix 9080

3-Part & 5-Part combined auto hematology analyzer

Beyond Efficiency



+ Specifications

- ✓ Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining
- ✓ 3-Part & 5-Part Combined, one click switch from 3-Part to 5-Part
- ✓ 5-Part testing mode, **31 parameters**; 3-Part testing mode, **21** parameters
- ✓ 3 sample modes: whole blood, capillary whole blood and pre-diluted modes
- ✓ Only 2 reagents for 3-Part testing mode
- ✓ 3D scattergram for accurate differentiation and pathological sample flag
- ✓ Up to 80 tests per hour(Up to 90 tests per hour in 3-Part testing mode)
- Closed and open vial modes supported
- ✓ Large storage capacity: up to 100,000 records
- ✓ 2 types of languages are available
- Support bi-directional LIS



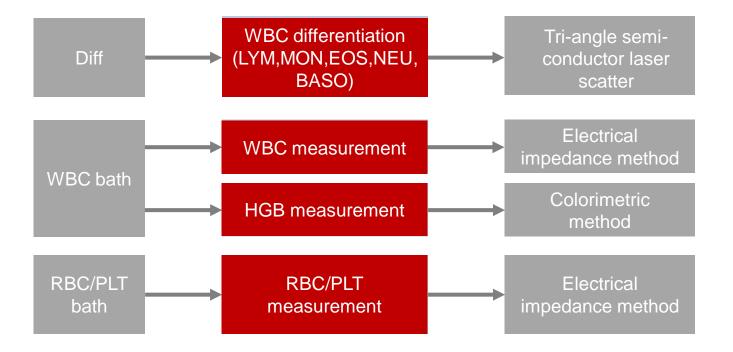




Principles





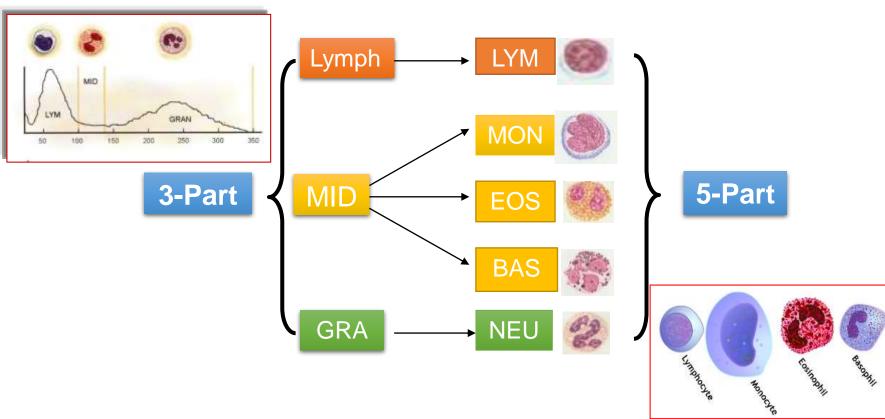






Aeutrophil

3- Part & 5-Part







Market





✓ Large Physical Examination Center

✓ Medium Size Public Hospitals

✓Medium Size Labs

✓ Medium Size Private Hospitals

✓ General Hospitals





04

Advantages

4.1 Automatic Intelligent Technology

4.2 Reliable Performance

4.3 Excellent Data Management

4.4 Humanized Design







✓ Loading up to 60 samples simultaneously

✓ Continuous sample loading

Auto-loading system contributes to improving efficiency and reducing costs

- + Auto Sample Mixing





Simplified operating procedure

Intelligent Technologies

✓ Automatic reminder for rechecking abnormal sample

✓ Adaptive intelligent Diff technology

✓ Visual self-tests

 \checkmark Permission for new-adding customized parameters and modifying alarm ranges

✓ Automatically clearing test-tube and test-tube rack





Easy Troubleshooting



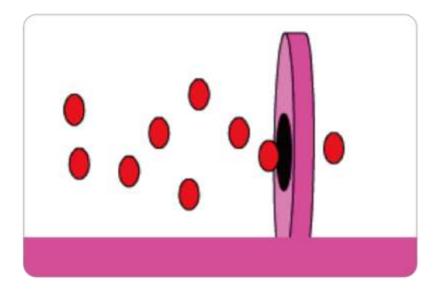
	Remove Error	×
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 Pathologic flags Lab limits Reagent alerts Instrument alerts 	Troubleshooting	Close
Intelligent Fault Diagnosis System	 Click the [Remove Error] button to remove this error. If the error still exists, contact our customer service department. 	

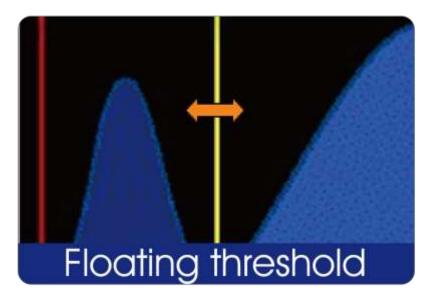




Intelligent RBC/PLT floating threshold technology

Finding the threshold automatically and getting accurate result









Dual-Channel for counting



Fast Turn-Around-Time (TAT)







04

Advantages

4.1 Automatic Intelligent Technology

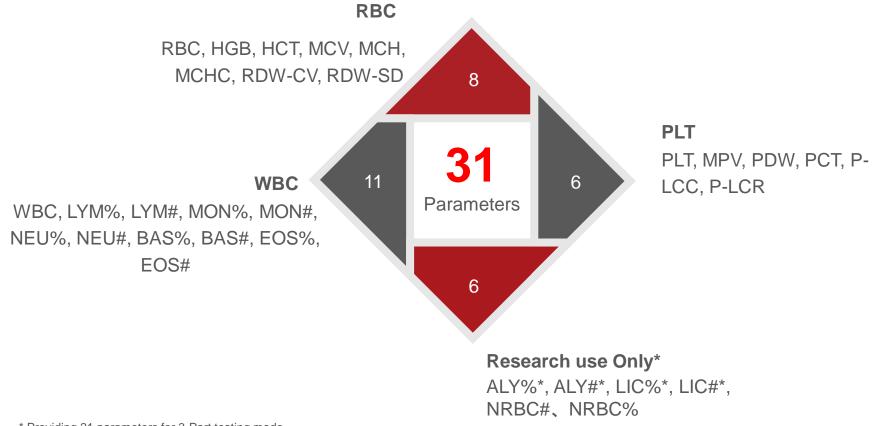
4.2 Reliable Performance

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4.4 Humanized Design







* Providing 21 parameters for 3-Part testing mode

* Research Use Only Parameter



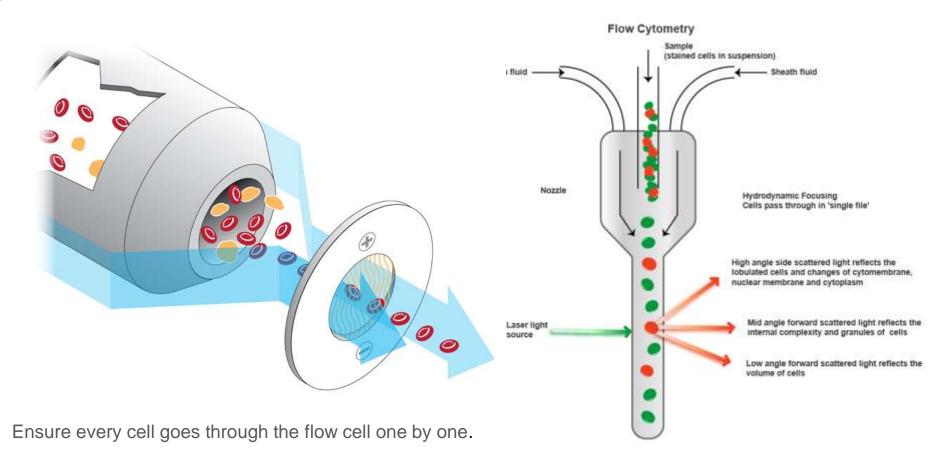


Wider linearity range contributes to more accurate results

Parameter	Linearity
WBC	CBC+5Diff mode: 0.00~400.00 ×10 ⁹ /L CBC+3Diff mode: 0.00~300.00×10 ⁹ /L
RBC	0.00~8.50×10 ¹² /L
HGB	0~250g/L
PLT	0~3000×10º/L
НСТ	0.0~67%

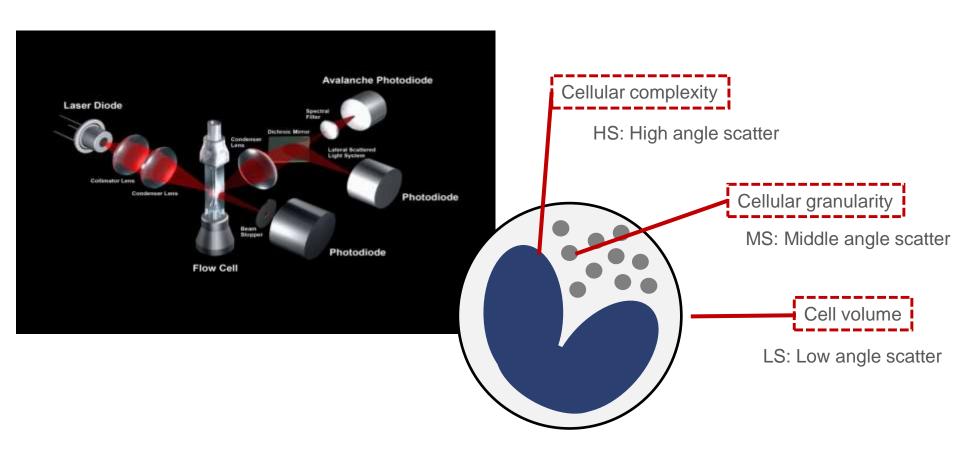
Advanced Flow Cytometry (FCM)





- Tri-angle Laser Scatter

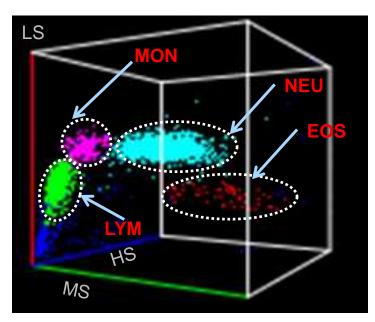


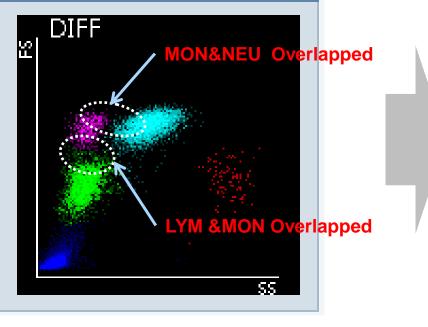






Distinct Diff





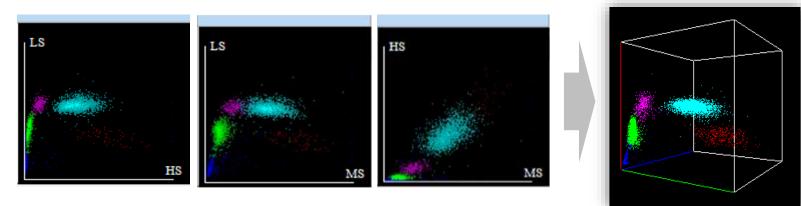
2D-scattergrams

3D-scattergrams

Distinct Diff for Abnormal Samples



3 2D-scattergrams & 3D-scattergram



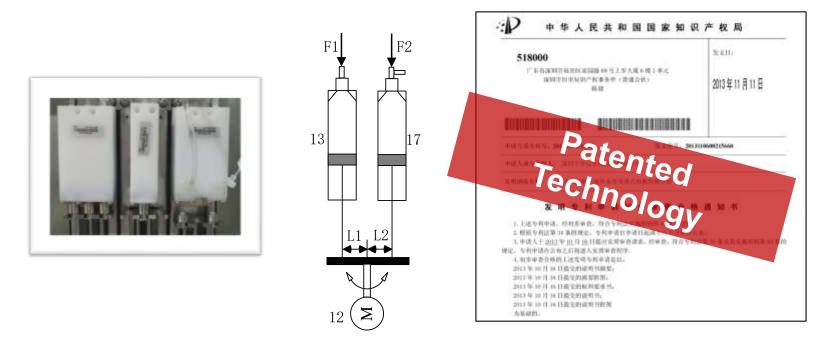
✓ Abnormal samples

Working on

✓ Blood sample untreated over 6 hours

Patented Dual-syringe Technology

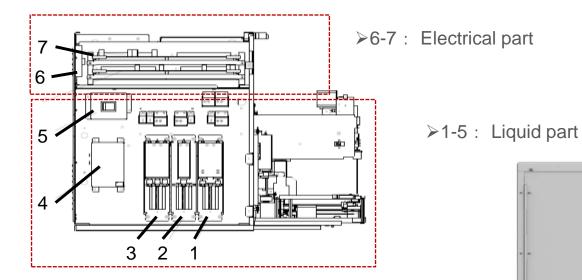




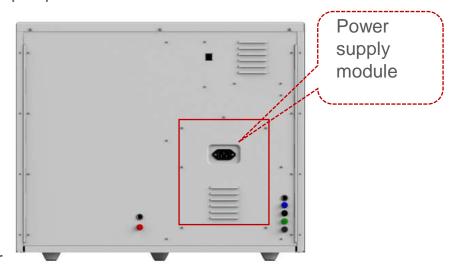
Dual-syringe contributes to get stable flow, ensure every cell goes through the flow cell one by one.







- \checkmark Electrical part is on the top
- ✓ Liquid part is below electrical part
- ✓ Power supply & cables are inside analyzers
- ✓ Main modules are on left and right clapboards, easy for replacement



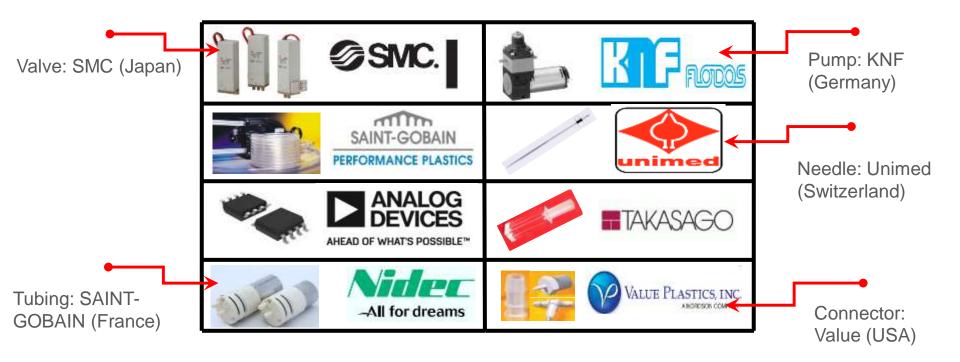




Reagent Item	Shelf Life	Shelf Life After Opening	Storage Environment
Diluent	2 years	60 days	15°C-30°C
LYG-1	2 years	60 days	15°C-30°C
LYA-2	2 years	60 days	15°C-30°C
LYA-3	2 years	60 days	15°C-30°C
Probe cleanser	2 years	60 days	15°C-30°C
Calibrator	90 days	7 days	2°C-8°C
QC	90 days	14 days	2°C-8°C









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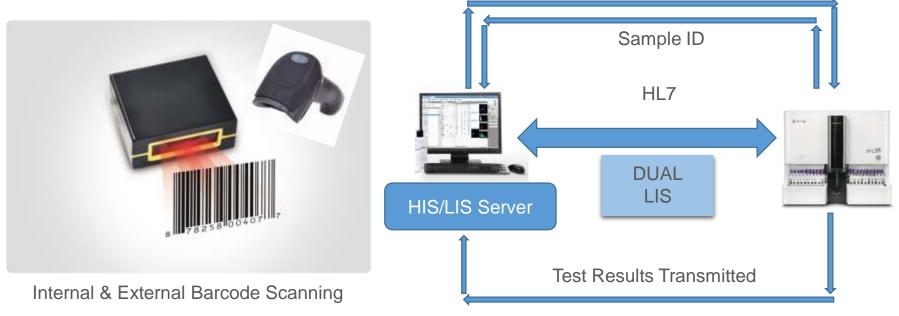
4.3 Excellent Data Management

4.4 Humanized Design





Patient Information Transmitted



Bi-directional LIS Connection

Coming soon

QC value can be input by code reader

- S1 Choose the file type: QR code
- S2 Scan the QR code

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QC & Calibrator Management

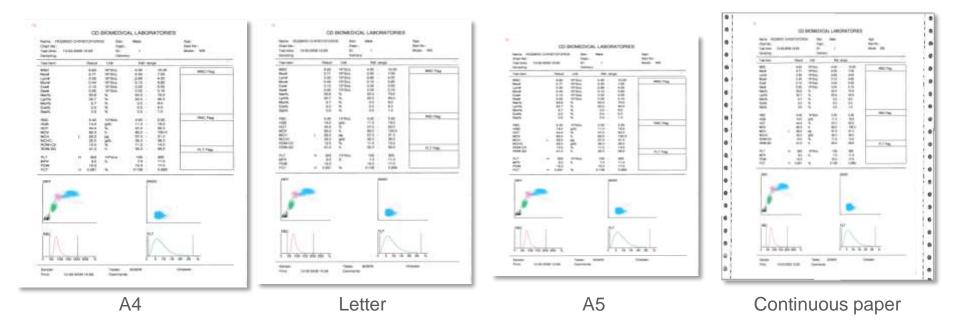


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Multiple pre-defined report formats & Customized print report formats









Convenient Data Communication



04

Advantages

- 4.1 Automatic Intelligent Technology
- 4.2 Reliable Performance
- 4.3 Excellent Data Management
- 4.4 Humanized Design

DYMIND **Humanized Design Software** Operation BIOTECH buttons 6 Report Review Worklist GC. 5tats Service Setup Status Self-test Cal Log Print Compare Batch Print Delete Print Preview Darameter Patient late fert Melettatter At Samples Results WBC Meesage DIFF WW9-CBC+DIFF 2015/06/13 15:49 WBC 6.92 10*3&£ 4.00-10.00 58.5 50.0-70.0 WW8-CBC+OIFF 2015/05/13 15:50: Neu% Lym% 34.9 28.0-40.0 10 2015/05/13 15:51:2 W8-C8C+DIFF 3.9 Mon% 3.0-12.0 10 WWB-CBC+DIFF 2015/05/13 15:52:2 East. 27 0.5-5.0 15 2015/05/13 15:54.4 WW8-CBC+DIFF Basti 0.0 0.0-1.0 46 10 191-001 WW9-CBC+DIFF 2015/05/13 16:14:1 Neist 4.05 10/3/16 2.00-7.00 0 191-002 W8-CBC+DIFF 2015/05/10 16:15:4 Evm# 2.42 10*3kk 0.00-4.00 **RBC Message** 8 WWB-CBC+DIFF 2015/05/13 16:16.5 tiext Sample 101-003 0.27 Mon# 10⁴3h£. 0.12-1.20 B 191-004 W8-CBC+DIFF 2015/05/13 16:17:1 Ecc# 0.18 1043/bit. 0.02-0.50 W8C/BASO Bample Count Bas# 0.00 10*3k£ 0.00-0.10 ample ID 191-012 *ALY# 0.04 10*3AuL 0.00-0.20 10 191-005 WW8-CBC+DIFF 2015/05/13 16:20:1 Inde VWB 0.8-2.0 *ALY% 0.5 96 0 WW8-CBC+DIFF 2015/05/13 16:21 191-007 CBC+DIFF *LIC# 0.00 10*3AL 8.00-0.20 EI. 191-008 WW8-CBC+DIFF 2015/05/13 16:22:2 "LICT 0.0 16 0.0-2.5 20 191-009 WWB-CBC+DIFF 2015/05/13 16:23:3 ____ RBC 4.86 10⁴6846 3 50-5 50 PLT Message 8 200 6. 191-010 WWB-CBC+DIFF 2015/06/13 16:24 HGB Mode 15.1 g/dL 11.0-16.0 100 191-011 WW8-CBC+DIFF 2015/05/13 16:25:5 HEC HCT 47.7 16 37.0-54.0 MCV 98.2 fL. 80.0-100.0 Add Diturni MCH. 31.1 pg 27.0-34.0 MCHC 31.7 gidt. 32.0-36.0 ROW-CV 11.7 % 11.0-16.0 Start: 49.8 1. 35.0-56.0 RDW-SD PLT 194 10*3NE 100-300 0 100 200 300 ft. MPV 10.1 8.5-12.0 ۴., PL7 **Result display** PDW 16.1 15:0-17:0 PCT 0.195 16 0.108-0.282 P-LCR 45.5 16 11.0-45.0 Operation P-LCC 10*94 88 30-90 "means "Research use only, not for diagnostic use" buttons M8 0 10 20 35 ft Curr. Page/Total Page: 46 4 5 5 8 88





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- Input reagent information automatically
- ✓ Close reagent system by RF card



- Hulti-sample mode





✓ Multiple sample modes:

Whole blood, capillary whole blood and pre-diluted modes

Micro Sample Aspiration





Only $\boldsymbol{20}~\mu L$ whole blood

✓ Painless

✓ Best option for special people



Pediatric



Patients with excessive blood loss



Elder people









High Automation (Full Walk Away) Reducing the operations time, work intensity, and manpower expense of labs.

Reliable & Accurate Avoiding unnecessary reinspection. and offering accurate diagnostic reports.

Digital Management Fitting the intelligent management tendency.

User-friendly

Suitable for different operators, simplifying training





06 Sales & Marketing

Sales Network-Domestic

Po P. O o

We have offices in each provinces with sales and service people, installation are nearly 10,000 units of machine during 5 years.

Sales Network-International

Sold to over 120 countries during 3 years. Installations are nearly 10,000 units.

North America

Middle East

Europe

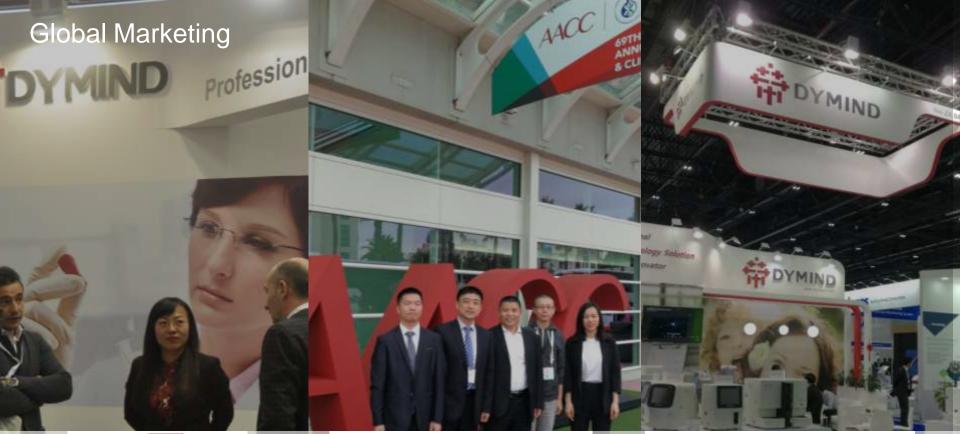
CIS

China

Asia

Latin America











MEDLAB

Sales & Marketing





THANK YOU

www.dymind.com/en.