



HUMAN POCT TOTAL SOLUTIONS



ACCESSIBLE HEALTH TESTING AT YOUR SIDE

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Zhejiang PushKang Biotechnology Co., Ltd

About US

Zhejiang Pushkang Biotechnology Co., Ltd, founded in 2014 by Dr.Yu Bo, is a high tech enterprise specialized in R&D, Production and Promotion for IVD product. With the core technology platform of Centrifugal microfluidics, Pushkang had successfully developed POCT products for Coagulation, Biochemistry, CLIA and Molecular tests, etc. All products had been approved by CF and NMPA under ISO13485.

Adhering to the mission of "Accessible health testing at your side", Pushkang is committed to providing comprehensive, cutting-edge and easy-to-use microfluidic technology products for medical institutions, different level hospitals, emergency department, clinical department, mobile clinics, etc.

Our mission

Accessible health testing at your side

Our vision

Create a new model of IVD, promote the development of medical industry.

Our goal

Taking advantage of world-leading microfluidic technology, Pushkang is committed to providing comprehensive, cutting-edge and easy to used microfluidic technology products for medical institutions, different level hospitals, emergency department,

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MS100

Chemistry Analyzer



>>> Whole blood sampling

Internal centrifuge: Whole blood sampling, consistent with central lab

>>> Free choice of multiple lyophilized discs

Application of personalized medicine

>>> Rapid testing and easy to use

TAT: 12min; Input standard curve by scanning QR code

>>> Lyophilized reagent pre-packaged design

Effectively utilize reagents and minimize waste; Shelf life for 12 months

Test items

MS10001

Liver Function

TP ALB GLO* ALB/GLO* ALT AST
GGT ALP TBIL DBIL IBIL*

MS10002

Renal Function

ALB CRE UREA UA Ca²⁺ PHOS
CO₂

MS10003

General Chemistry 9

TP ALB TBIL CRE UREA GGT
AST ALT GLU GLO* ALB/GLO*

MS10004

Emergency Room 13

AST CK CK-MB LDH α-HBDH GLU
AMY CRE UA K⁺ Na⁺ Cl⁻ CO₂

MS10005

Electrolyte 4

K⁺ Na⁺ Cl⁻ CO₂

MS10006

Glucose and Lipid

TG CHOL HDL-C LDL-C* GLU
GSP*

MS10007

Electrolyte 7

K⁺ Ca²⁺ Na⁺ Cl⁻ CO₂ Mg²⁺ PHOS

MS10008

General Chemistry 13

TP ALB ALT AST TBIL DBIL UA
UREA CRE GLU TG CHOL HDL-C
IBIL* LDL-C* GLO* ALB/GLO*

MS10009

Myocardial Enzyme

AST CK CK-MB LDH α-HBDH

MS10010

General Chemistry 19

TP ALB ALP AMY CHE CK CRE
UREA DBIL TBIL GLU TBA TC TG
UA GGT ALT AST HDL-C IBIL*
LDL-C* GLO* ALB/GLO* UA*

MS200

Automated Chemistry Analyzer



- >>> Intelligent analyzer, easy to operation
Only 3 steps, No need to add diluent manually
- >>> Whole blood sampling, standard addition
Internal centrifuge saves testing time
- >>> Lyophilized reagent disc, long-term storage
Effectively utilize reagents and minimize waste; Shelf life for 12 months
- >>> Less maintenance
Simple structure and easy maintenance

Test items

MS20003

Liver Function

TP ALB GLO* ALB/GLO* ALT AST
GGT ALP TBIL DBIL IBIL*

MS20004

Renal Function

ALB CRE UREA UA Ca²⁺ PHOS
CO₂

MS20005

General Chemistry 9

TP ALB TBIL CRE UREA GGT
AST ALT GLU GLO* ALB/GLO*

MS20006

Emergency Room 13

AST CK CK-MB LDH α-HBDH GLU
AMY CRE UA K⁺ Na⁺ Cl⁻ CO₂

MS20007

Electrolyte 4

K⁺ Na⁺ Cl⁻ CO₂

MS20008

Glucose and Lipid

TG CHOL HDL-C LDL-C* GLU
GSP*

MS20009

Electrolyte 7

K⁺ Ca²⁺ Na⁺ Cl⁻ CO₂ Mg²⁺ PHOS

MS20010

General Chemistry 13

TP ALB ALT AST TBIL DBIL UA
UREA CRE GLU TG CHOL HDL-C
IBIL* LDL-C* GLO* ALB/GLO*

MS20011

Myocardial Enzyme

AST CK CK-MB LDH α-HBDH

MS20012

General Chemistry 19

TP ALB ALP AMY CHE CK CRE
UREA DBIL TBIL GLU TBA TC TG
UA GGT ALT AST HDL-C IBIL*
LDL-C* GLO* ALB/GLO* UA*

02 COAGULATION

MC100 Coagulation Analyzer



>>> Whole blood sampling

Internal centrifuge: Whole blood sampling, consistent with central labs

>>> Rapid testing and easy to use

TAT: 12min, Input standard curve by scanning QR code

>>> Lyophilized reagent disc, long-term storage

Effectively utilize reagents and minimize waste; Shelf life for 12 months

>>> Compact and portable

*270*160*155mm; Only 3kg*



Test items

TEST004

Coagulation 4

PT/INR* APTT FIB TT

TEST005

Coagulation 2

PT/INR* APTT

TEST006

ACT Assay

ACT

TEST008

Coagulation 5

PT/INR* APTT FIB TT D-Dimer

TEST007

Anti-Xa Assay

Anti-Xa

Microfluidic discs



Whole blood sampling



Internal centrifuge & printer



Portable: only 3KG



Easy connection: WIFI & RS-232 to LIS



Sample well: Whole blood & plasma

Centrifugal area: Whole blood can be centrifuged inside

Reagent well: Pre-packaged lyophilized reagent inside

02 COAGULATION

MC550

Automated Coagulation Analyzer



>>> APTT mixing study

The world's 1st APTT mixing study automation

>>> Whole blood sampling

Internal centrifuge: Whole blood sampling, consistent with central labs

>>> Ready to use, long-term storage

Liquid reagents, no need reconstitution; Shelf life for 12 months

>>> High anti-interference ability

Exclusive Trist disc design to increase transmittance

Test items

HE000116

Activated Partial Thromboplastin Time Assay

APTT

HE000115

Prothrombin Time Assay

PT

HE000005

Thrombin Time Assay

TT

HE000021

Fibrinogen Assay

FIB

HE000115

D-Dimer Assay

D-Dimer

HE000023

Antithrombin III Assay

AT III

HE000024

FDP Assay

FDP

HE000024

Anti-Xa Assay

Anti-Xa

Microfluidic discs



Whole blood sampling



Quantitative distribution



Rapid mixing



Flexible combination of test items



03 HEMATOLOGY

MX30

Automatic 3-Part Hematology Analyzer



- >>> CBC + 3-DIFF, 21 Parameters + 3 Histograms
- >>> Only 9 μ L sample volume ideal for pediatrics
- >>> 10.4 inch TFT touch screen
- >>> Large storage capacity up to 50,000 samples
- >>> Only 2 operational reagents and probe cleaner needed

03 HEMATOLOGY

MX60

Automatic 5-Part Hematology Analyzer



- >>> 29 parameters + 4 scattergrams + 2 histograms
- >>> Dual WBC differential channels
- >>> 10.4 inch TFT touch screen
- >>> Large storage capacity up to 50,000 samples
- >>> 3 mode of sampling
Whole blood, Capillary whole blood, Pre-diluted sample

03 HEMATOLOGY

PB30

Automatic POCT Hematology Analyzer +CRP/SAA



- >>> 3-part Hematology POCT analyzer with CBC+CRP+SAA
- >>> Monotest cartridge, reagents-free
- >>> Impedance method for CBC
- >>> 20uL of whole blood, fingertip blood
- >>> One step operation with TAT in 4 mins

Test items

White Blood Cell

1. WBC
2. Lym#
3. Lym%
4. Mid#
5. Mid%
6. Gran#
7. Gran%

Red Blood Cell

1. RBC
2. HGB
3. MCV
4. MCH
5. MCHC
6. RDW-CV
7. RDW-SD
8. HCT

Platelet

1. PLT
2. MPV
3. PDW
4. PCT
5. P-LCR
6. P-LCC

Histogram

1. WBC
2. RBC
3. PLT

27 reportable parameters + 3 Histograms