



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 CE 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 labs

>>> Free choice of multiple lyophilized discs

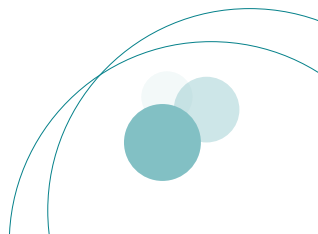
Application of personalized medicine

>>> 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

HE50065

Liver Function

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

HE50067

Renal Function

ALB Crea Urea UA Ca²⁺ P
CO₂ Na⁺ K⁺ Cl⁻ eGFR*

HE50011

General Chemistry 9

TP ALB TBIL Crea Urea GGT
AST ALT GLU GLO* ALB/GLO*
eGFR*

HE50064

Emergency Room 13

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

HE50073

Electrolyte 4

K⁺ Na⁺ Cl⁻ CO₂

HE50066

Glucose and Lipid

TG CHOL HDL-C LDL-C* GLU
FRU

HE50063

Electrolyte 7

K⁺ Ca²⁺ Na⁺ Cl⁻ CO₂ Mg²⁺ P

HE50058

General Chemistry 13

TP ALB ALT AST TBIL DBIL UA
Crea Urea GLU TG CHOL HDL-C
IBIL* LDL-C* GLO* ALB/GLO*
eGFR*

HE50070

Myocardial Enzyme

AST CK CK-MB LDH α-HBDH

HE50074

General Chemistry 19

TP ALB ALP AMY CHE CK Crea
Urea DBIL TBIL GLU TBA CHOL TG
UA GGT ALT AST HDL-C IBIL*
LDL-C* GLO* ALB/GLO* Urea/Crea*
eGFR*



MS200

Automated Chemistry Analyzer



Intelligent analyzer, easy to operation

Only 3 steps; No need to add diluent manually

Whole blood sampling, standard addition

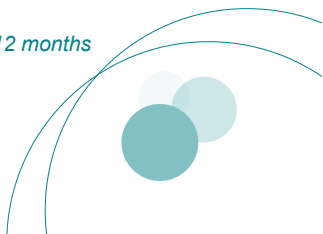
Internal centrifuge saves testing time

Lyophilized reagent disc, long-term storage

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

Less maintenance

Simple structure and easy maintenance



HE50079

Liver Function

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

HE50081

Renal Function

ALB Crea Urea UA Ca²⁺ P
CO₂ Na⁺ K⁺ Cl⁻ eGFR*

HE50076

General Chemistry 9

TP ALB TBIL Crea Urea GGT
AST ALT GLU GLO* ALB/GLO*
eGFR*

HE50078

Emergency Room 13

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

HE50073

Electrolyte 4

K⁺ Na⁺ Cl⁻ CO₂

HE50080

Glucose and Lipid

TG CHOL HDL-C LDL-C* GLU
FRU

HE50077

Electrolyte 7

K⁺ Ca²⁺ Na⁺ Cl⁻ CO₂ Mg²⁺ P

HE50075

General Chemistry 13

TP ALB ALT AST TBIL DBIL UA
Crea Urea GLU TG CHOL HDL-C
IBIL* LDL-C* GLO* ALB/GLO*
eGFR*

HE50083

Myocardial Enzyme

AST CK CK-MB LDH α-HBDH

HE50074

General Chemistry 19

TP ALB ALP AMY CHE CK Crea
Urea DBIL TBIL GLU TBA CHOL TG
UA GGT ALT AST HDL-C IBIL*
LDL-C* GLO* ALB/GLO* Urea/Crea*
eGFR*

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*180*155mm; Only 3kg*

Test items

HE50009

Coagulation 4

PT/INR* APTT FIB TT

HE50008

Coagulation 5

PT/INR* APTT FIB TT D-Dimer

HE50072

Coagulation 2

PT/INR* APTT

HE50071

Anti-Xa Assay

Anti-Xa

HE50085

ACT Assay

ACT

Microfluidic discs



Whole blood sampling



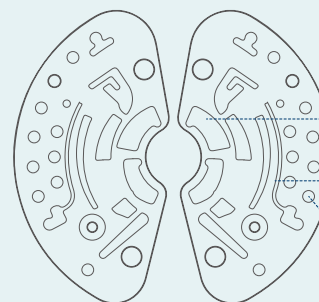
Internal centrifuge & printer



Portable: only 3KG



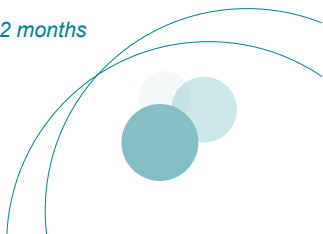
Easy connection: WIFI & RS-232 to LIS



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

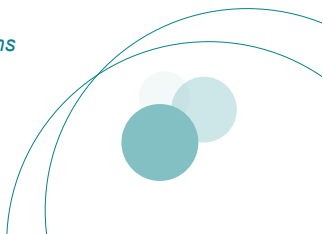
Internal centrifuge: Whole blood sampling, consistent with central labs

>>> Ready to use, long-term storage

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

>>> High anti-interference ability

Exclusive 1mm disc design to increase transmittance



Test items

HE50018

Activated Partial Thromboplastin Time Assay

APTT

HE50019

Prothrombin Time Assay

PT

HE50020

Thrombin Time Assay

TT

HE50021

Fibrinogen Assay

FIB

HE50016

D-Dimer Assay

D-Dimer

HE50023

Antithrombin III Assay

AT III

HE50024

FDP Assay

FDP

HE50084

Anti-Xa Assay

Anti-Xa



Microfluidic discs



Whole blood sampling



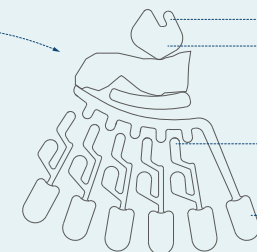
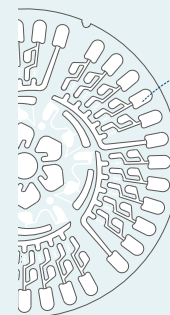
Quantitative distribution



Rapid mixing



Flexible combination of test items



Sample well

Centrifugal area

Reagent well

Waste liquid area

03 HEMATOLOGY

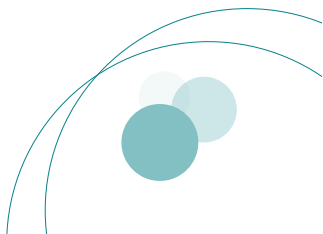


MX30

Automatic 3-Part Hematology Analyzer



- >>> WBC 3-part differentiation, 21 reportable parameters and 3 histograms
- >>> Minimal sample volume: only 20μL required per test
- >>> 10.4 inch TFT touch screen
- >>> Large storage capacity up to 50,000 samples
- >>> Capable of processing 60+ samples per hour



03 HEMATOLOGY

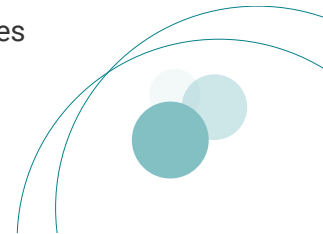


MX60

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

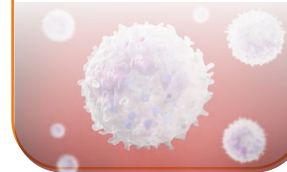


- >>> 3-part Hematology POCT analyzer with CBC+CRP+SAA
- >>> Monotest cartridge, reagents-free
- >>> Impedance method for CBC
- >>> 20uL of whole blood, fingertip blood
- >>> One step operation with TAT in 4 mins

Test items

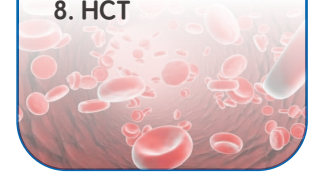
White Blood Cell

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



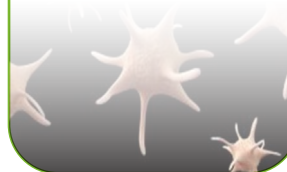
Red Blood Cell

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



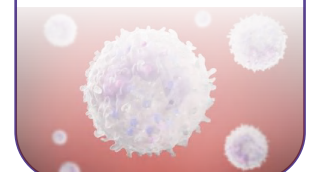
Platelet

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



Histogram

1. WBC
2. RBC
3. PLT



21 reportable parameters + 3 histograms