PUSHKANG®

MSC100V

Veterinary Coagulation & Chemistry Combo

- Coagulation and chemistry test 2-in-1
- Dual-tray design, whole blood sample
- Lyophilized reagent disc, long-term storage
- Compact and portable

CE IVD ISO ISO13485 TÜVRheinland®

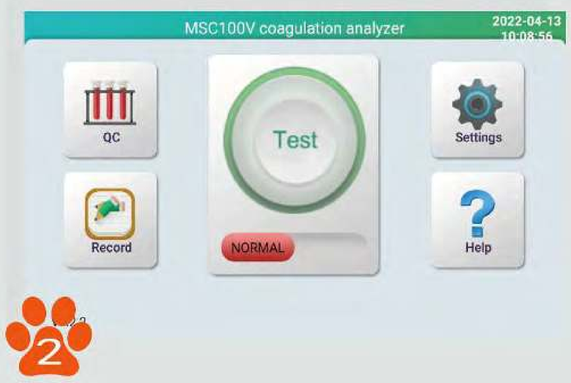
Specifications

- Test principle: Photoelectric colorimetry
- Reagent: Centrifugal microfluidic disc
- Sample type: Whole Blood, serum, plasma
- Test time: 12 min
- Code identification: QR code
- Sample volume: 140μL/ 180μL
- Screen size: 7.0 inch color touch screen
- Supply voltage: AC100V-240V, 50-60HZ
- Operating system: Android, supporting LIS/HIS
- Size:270mm*180mm*155mm
- Weight: 3.0KG

Easy operation only one step by manual operation

1

Add sample and dilution solutin



2

Click "Start"

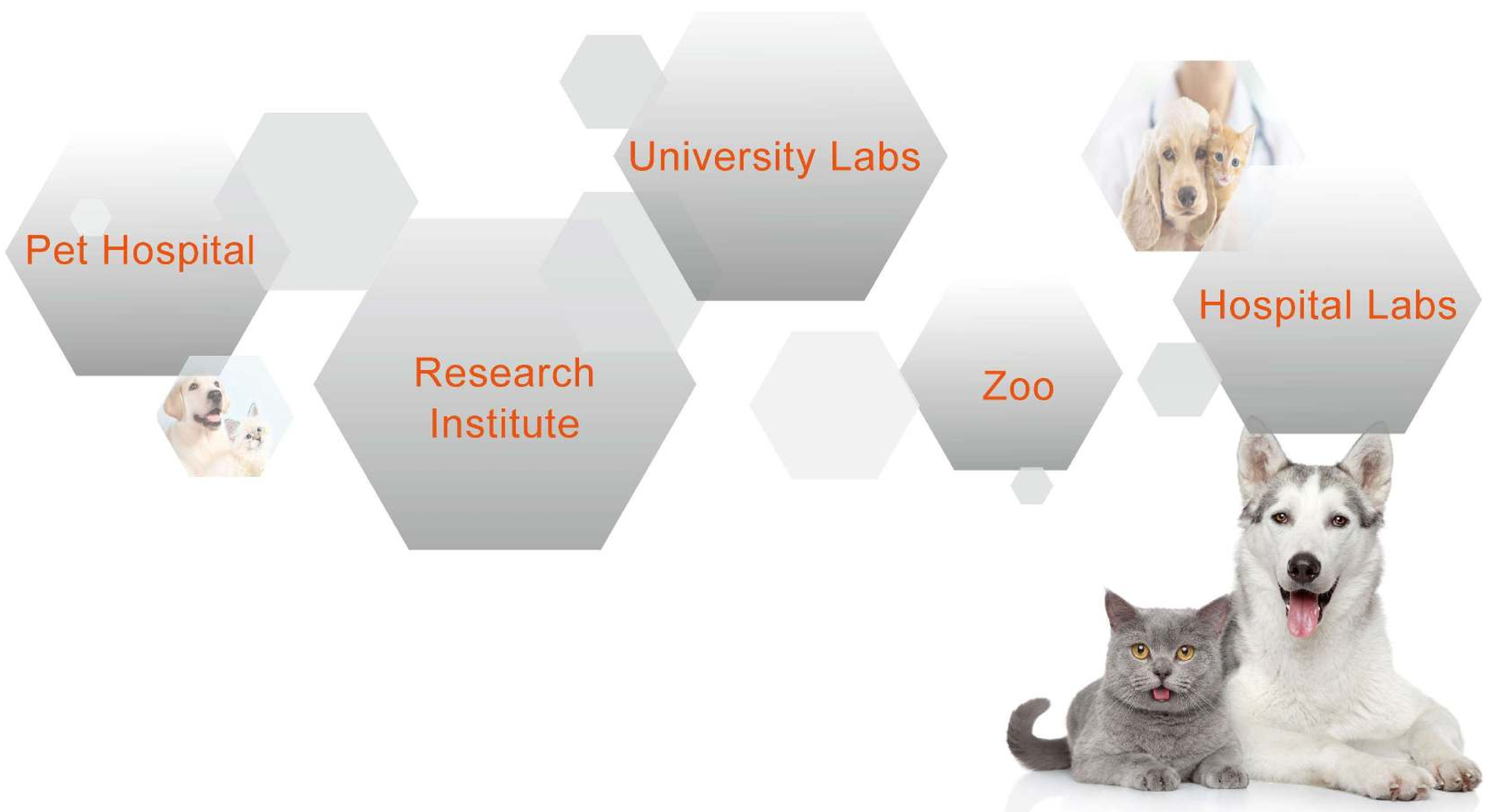
3

Report in 12 min

Test Items

Category	Test items
Veterinary Health Check 13	TP、ALB、TBIL、ALT、Urea、CRE、CK、GLU、CHOL、AMY、ALP、Ca^{2+}、P
Veterinary Liver Function 8	TP、ALB、ALT、AST、TBIL、DBIL、GGT、ALB
Veterinary Kidney 6	ALB、Urea、CRE、CO_2、Ca^{2+}、P
Veterinary Electrolyte 7	K^+、Na^+、Cl^-、CO_2 Mg^{2+}、Ca^{2+}、P
Veterinary Preoperative Diagnosis	TP、ALT、AST、LDH、Urea、CRE、CK、GLU
Veterinary Intensive Care	ALT、Urea、CRE、GLU、K^+、Na^+、Cl^-、CO_2
Coagulation 4	PT、APTT、TT、FIB
Coagulation 5	PT、APTT、TT、FIB、FDP

Multi-scenario applications



Accessible health testing at your side

PUSHKANG

Hotline: 86-571-88776526

Zhejiang Pushkang Biotechnology Co., Ltd.
Science & Technology Park, No.398 Mahuan Road, Binhai New Area, Shaoxing, Zhejiang, P. R. China.

Email: marketing@pushkang.cn
Web: www.pushkangbio.com

PUSHKANG®

Veterinary Chemistry Analyzer MS200V

- Intelligent analyzer, easy to operation
- Whole blood test, standard addition
- Lyophilized reagent disc, long-term storage
- Compact and portable

CE IVD ISO ISO13485 TÜVRheinland®

Test Items

Category	Test items
Veterinary Health Check 13	TP、ALB、TBIL、ALT、Urea、CRE、CK、GLU、CHOL、AMY、ALP、Ca^{2+}、P
Veterinary Liver Function 8	TP、ALB、ALT、AST、TBIL、DBIL、GGT、ALB
Veterinary Kidney 6	ALB、Urea、CRE、CO_2、Ca^{2+}、P
Veterinary Electrolyte 7	K^+、Na^+、Cl^-、CO_2 Mg^{2+}、Ca^{2+}、P
Veterinary Preoperative Diagnosis	TP、ALT、AST、LDH、Urea、CRE、CK、GLU
Veterinary Intensive Care	ALT、Urea、CRE、GLU、K^+、Na^+、Cl^-、CO_2

Multi-scenario applications

Specifications

- Test principle: photoelectric colorimetry
- Reagent: Centrifugal microfluidic disc
- Sample type: Whole Blood, serum, plasma
- Test time: 12 min
- Code identification: QR code
- Sample volume: 140μL
- Screen size: 7.0 inch color touch screen
- Supply voltage: AC100V-240V, 50-60HZ
- Operating system: Android, supporting LIS/HIS
- Size:210mm*250mm*310mm
- Weight: 9.5KG

Easy operation only one step by manual operation

Add sample

Click "start"

Report in 12 min

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PUSHKANG

Total Solution of Coagulation and Chemistry

CE IVD ISO ISO13485 TÜVRheinland

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

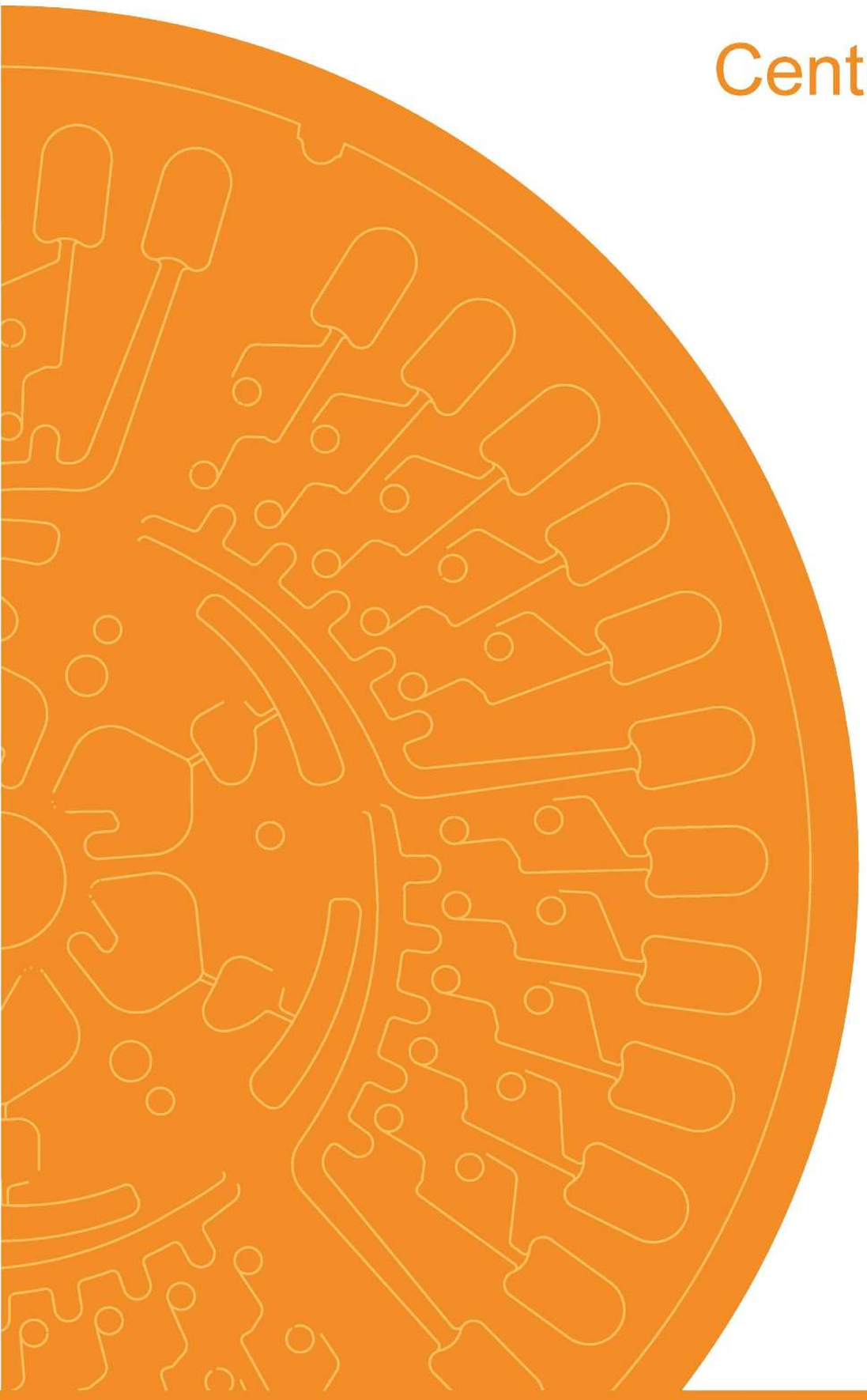
Create a new model of IVD, promote the development of medical industry.

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, clinical department, mobile clinics, etc.

Microfluidics technology platform

Centrifugal microfluidics technology



Whole blood sampling

Internal centrifuge

Quantitative distribution

Plasma reaction

Coagulation and Chemistry Analyzer

MSC100V coagulation and chemistry combo

> Coagulation and biochemistry test 2-in-1

> Dual-tray analyzer, easy to operation

> Whole blood sample, standard addition

> Lyophilized reagent pre-packaged design

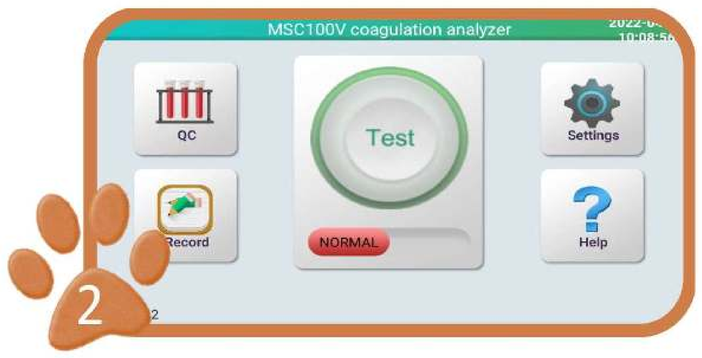
>Fast, accurate, portable

Specifications

Test principle:	Photoelectric colorimetry
Reagent:	Centrifugal microfluidic disc
Sample type:	Whole Blood, serum, plasma
Test time:	12 min
Code identification:	QR code
Sample volume:	140 μL/ 180μL
Screen size:	5.0 inch with color touch screen
Supply voltage:	AC 100V-240V, 50-60HZ
Operating system:	Android, supporting LIS/HIS
Size:	270mm*180mm*155mm
Weight:	3.0KG

3-step Operation

Add sample and dilution soulution



Click "start"

Report in 12 min

Chemistry Analyzer

MS200V chemistry analyzer

> Intelligent analyzer, easy to operation

> Whole blood testing, standard addition

> Lyophilized reagent disc, long-term storage

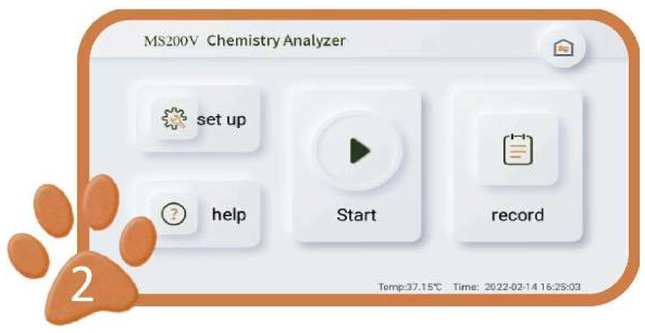
> Compact and portable

Specifications

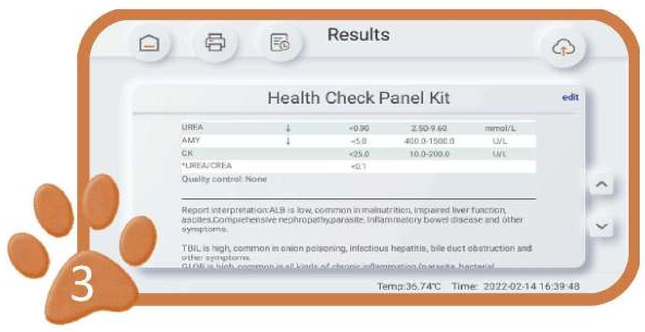
Test principle:	Photoelectric colorimetry
Reagent:	Centrifugal microfluidic disc
Sample type:	Whole Blood, serum, plasma
Test time:	12 min
Code identification:	QR code
Sample volume:	140 μL
Screen size:	7.0 inch with color touch screen
Supply voltage:	AC 100V-240V, 50-60HZ
Operating system:	Android, supporting LIS/HIS
Size:	210mm*250mm*310mm
Weight:	9.5KG

3-step Operation

Add sample



Click "start"



Report in 12 min

Test Menu

Test items

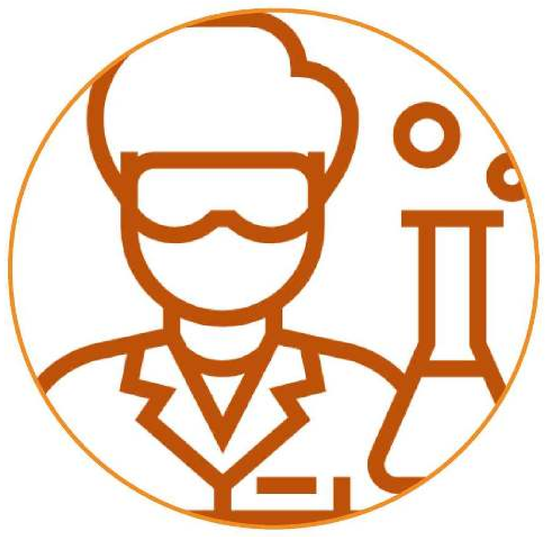
Analyte	Health Check 13	Liver Function 8	Kidney Function 6	Electrolyte 7	Intensive Care 8	Pre-operative Diagnosis 8	Coagulation 4	Coagulation 5
TP	●	●				●		
ALB	●	●	●					
ALT	●	●			●	●		
ALP	●	●						
Ca^{2+}	●		●	●				
CHOL	●							
AST		●				●		
TBIL	●	●						
CK	●					●		
AMY	●							
DBIL		●						
GGT		●						
CRE			●		●	●		
PHOS	●		●	●				
CO_2			●	●	●			
Mg^{2+}				●				
Crea	●							
Urea	●		●		●	●		
K^+				●	●			
Na^+				●	●			
Cl^-				●	●			
GLU	●				●	●		
LDH						●		
PT							●	●
APTT							●	●
FIB							●	●
TT							●	●
FDP								●

Coagulation 4、 Coagulation 5 only applied to MSC100V

Application Scenarios

Multi-scenario applications

Research Institute



University Labs

Pet Hospital

Zoo

Hospital Labs

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