

把握科技 关注健康

Hold the Technology Attention to Health

- ▶ 医药包装产品  
PHARMACEUTICAL PACKAGE  
PRODUCT
- ▶ 标本采集系统  
VENOUS BLOOD SPECIMEN  
COLLECTION SYSTEM
- ▶ 尿液分析产品  
URINE ANALYSIS PRODUCT



## 产品简介

PRODUCTS BRIEF INTRODUCTION







## Company Introduction

Yaohua Group covers four fields including Medical Device, Pharmaceutical Package, Pharmaceutical Glass and Plastic Packing. It is made up of Laiwu Yaohua Pharmaceutical Packing Co., Ltd., Shandong Yaohua Medical Device Technology Co., Ltd., Laiwu Yaohua Pharmaceutical Glass Co., Ltd and Zibo Yaohua Plastic Technology Co., Ltd.. All the products in these four fields are about two hundreds specification.





# Product Introduction

## Pharmaceutical Package Products



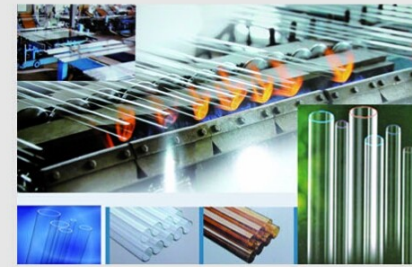
### Ampoule

1. Glass tube production is on our-selves and have good chemical stability.
2. Containing all specification from 1ml to 20ml.
3. We have our own printing production lines and can print ampoules and vials as customers' request.
4. Ampoule break strength is better than China Standard.



### Tubular Vial

1. Containing all specification from 2ml to 30ml.
2. Automated production lines, products are much more clear.
3. Vial mouth and bottom is process good and can satisfy different pharmaceutical production demand.
4. Tube vial, moulded vial, screw vial, amber vial can satisfy different demands.



### Pharmaceutical Glass tube

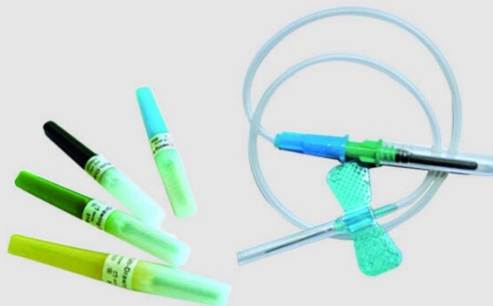
1. Development capacitance furnace production lines.
2. Tubes are clear and in good chemical stability.
3. Use automated laser detection for tube appearance.

## Venous blood specimen collection system



### Blood Collection Tube

1. Specification: 13x75, 13x100, 16x100, 8x120
2. 10 different color cap instead of different additives



### Blood Collection Needle

1. Butterfly needle, pen type needle
2. Specification: 18G, 21G, 22G, 23G, 24G, 25G



### Needle Holder

1. Screw holder
2. Safe holder

## Urine Analysis Product



### Urine Dry Chemical Test Strip

- ©Urine Dry Chemical Test Strip
- ©Imported raw material, ensure quality of products
- ©Automated Production, Product performance is more stable
- ©Anti-interference technology of VC, tolerance concentration as high as 40mg/ml.
- ©Test paper strip is cut flat, color is uniform.
- ©Standard imported color atlas, visual inspection is available.
- ©Professional service, satisfy different requests.



### Urine Analyzer

- ©515 urine sample can be dealt with per hour with high-speed and quality.
- ©Unnecessary to heat analyser engine which can improve efficiency.
- ©Urine sample delivered in unfixed time which can speed up working process.
- ©Automatic correction. Unnecessary to correct the testing pater which can save cost.
- ©Touchable large screen. Operation is quite convenient.
- ©Automatic detection the color of the urine colour. Human judging error is avoided.
- ©Two filter reportfunction exist. Information feedback is quick.
- ©Three report mold exist. Report purpose is provided and it' s convenient to download by computer.
- ©Colour large screen is clear and beautiful.



### Lab Touch Portable Urine Analyzer

- ©Family portable urine analyzer is the first used for testing of diabetes, hypertension and complication in China. This urine analyzer based on intelligent optical detection system and dry chemical detection technology and supporting the use of test card have the advantages of miniaturization of convenient fast and accurate. Every test item only need 5  $\mu$ l urine and can get the testresult of glucose, protein, blood and Leukocytes correctly in 30 to 120 seconds. Advantages: non-invasive detection, samples is easy to get, test result is quick and exact.



## Clot Tube

- Clot tube collect vein blood and separate serum, it is used in clinical chemistry, serology, immunology, therapeutic drug monitoring, determination of general trace elements. Clot is used for accelerating the blood coagulation so clot tube can shorten blood test circle.
- Mixing Conditions: After blood collection, turn the tube upside down with 180 degree and shake 5~8 times carefully .
- Centrifugation Conditions :  $\leq 1300g$ , 10 minutes, room temperature 25 °C.

Product code	Tube size	Tube material	Type	Additive
13008132	13*75	glass	3ml	
23008132	13*75	PET	3ml	
15008232	13*100	glass	5ml	Clot Activator
25008232	13*100	PET	5ml	
10008332	16*100	glass	10ml	
20008332	16*100	PET	10ml	





Gel & Clot Activator Tube

- ◎ The inner wall of Gel & clot activator tube is coated with coagulant, which can accelerate the blood coagulation. Gel is used to separate the corporeal ingredients of the blood and serum after centrifugation. It can improve the quality and yield of serum, to keep the stability of blood components for a long time. Gel has a very strong stability and is not easy to adsorb the protein in the blood. It can make accurate results for drug testing and biochemical tests.
- ◎ Mixing Requirements :After blood collection, turn the tube upside down with 180 degree and shake 5~8 times carefully .
- ◎ Centrifugation Conditions :After 30minutes of blood collection, 10 minutes' centrifugation at 1300~2000g with room temperature 25°C.

Product code	Tube size	Tube material	Type	Additive
13010132	13*75	glass	3ml	Gel&clot activator
23010132	13*75	PET	3ml	
15010232	13*100	glass	5ml	
25010232	13*100	PET	5ml	
18010332	16*100	glass	8ml	
28010332	16*100	PET	8ml	





## Plain Tube

- Used for venous specimen blood collection and separate the serum, it can be used for biochemical, immunological, serological, detection of drug concentration and detection of trace elements, additives sprayed on the serum tube inner wall can prevent blood attach on tube wall.
- Centrifugation Conditions :After blood coagulation, 10 minutes' centrifugation under 1300g, room temperature 25°C.



Product code	Tube size	Tube material	Type	Additive
13001132	13*75	glass	3ml	
23001132	13*75	PET	3ml	
15001232	13*100	glass	5ml	
25001232	13*100	PET	5ml	No additive
17001232	13*100	glass	7ml	
27001232	13*100	PET	7ml	
10001332	16*100	glass	10ml	
20001332	16*100	PET	10ml	



# Blood Collection Tube

## EDTA Tube

- EDTA Tube contain EDTA K2 and EDTA K3 ,EDTA K2 is sprayed averagely on the wall in frog .EDTA Tube is mainly used for blood routine,Glycated hemoglobin,examination before transfusion (blood group identification,antibody screening and crossmatch) and others.
- Mixing Requirements :After blood collection, turn the tube upside down with 180 degree and shake 5~8 times carefully or using the mixer.



Product code	Tube size	Tube material	Type	Additive
12002132	13*75	glass	2ml	EDTA-K2
22002132	13*75	PET	2ml	
15002232	13*100	glass	5ml	
25002232	13*100	PET	5ml	





## ESR Tube

- ESR tube is used for testing erythrocyte sedimentation rate. The additive is 3.8% sodium citrate and the concentration for additive and blood is 1:4.8\*120 glass tube can match automatic ESR analyzer or visual type blood sedimentation rack to use. This is a closed system and it can be manipulated directly without opening the cap.
- Mixing Requirements :After blood collection, turn the tube upside down with 180 degree and shake it 5~8 times carefully .



Product code	Tube size	Tube material	Type	Additive
12005132	13*75	glass	2ml	3.8% Sodium Citrate
22005132	13*75	PET	2ml	
11605431	8*120	glass	1.6ml	

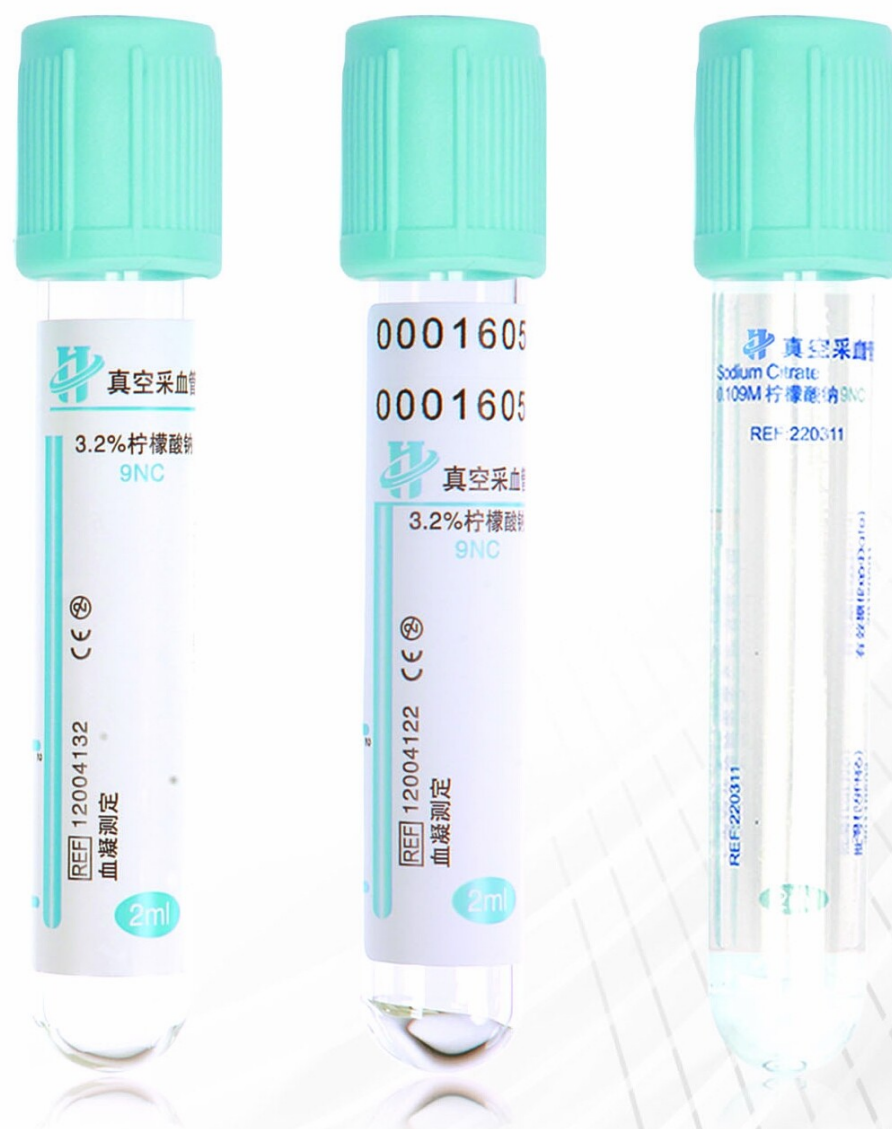


# Blood Collection Tube

## PT Tube

- PT tube is mainly used for coagulation testing (PT/APTT/TT/FBG) and the guidance for clinical therapeutic drug monitoring and detection of coagulation factors. The additive is 3.2% sodium citrate and the concentration ratio for additives and blood is 1:9.
- Mixing Requirements :After blood collection, turn the tube upside down with 180 degree and shake it 3~4 times carefully.
- Centrifugation Conditions :PET tube :10~15 minutes' centrifugation at 2000~2500g, room temperature 25°C. Glass tube :15 minutes' centrifugation at 1500g, room temperature 25°C.

Product code	Tube size	Tube material	Type	Additive
12004132	13*75	glass	2ml	3.2% Sodium Citrate
22004532	13*75	PET	2ml	

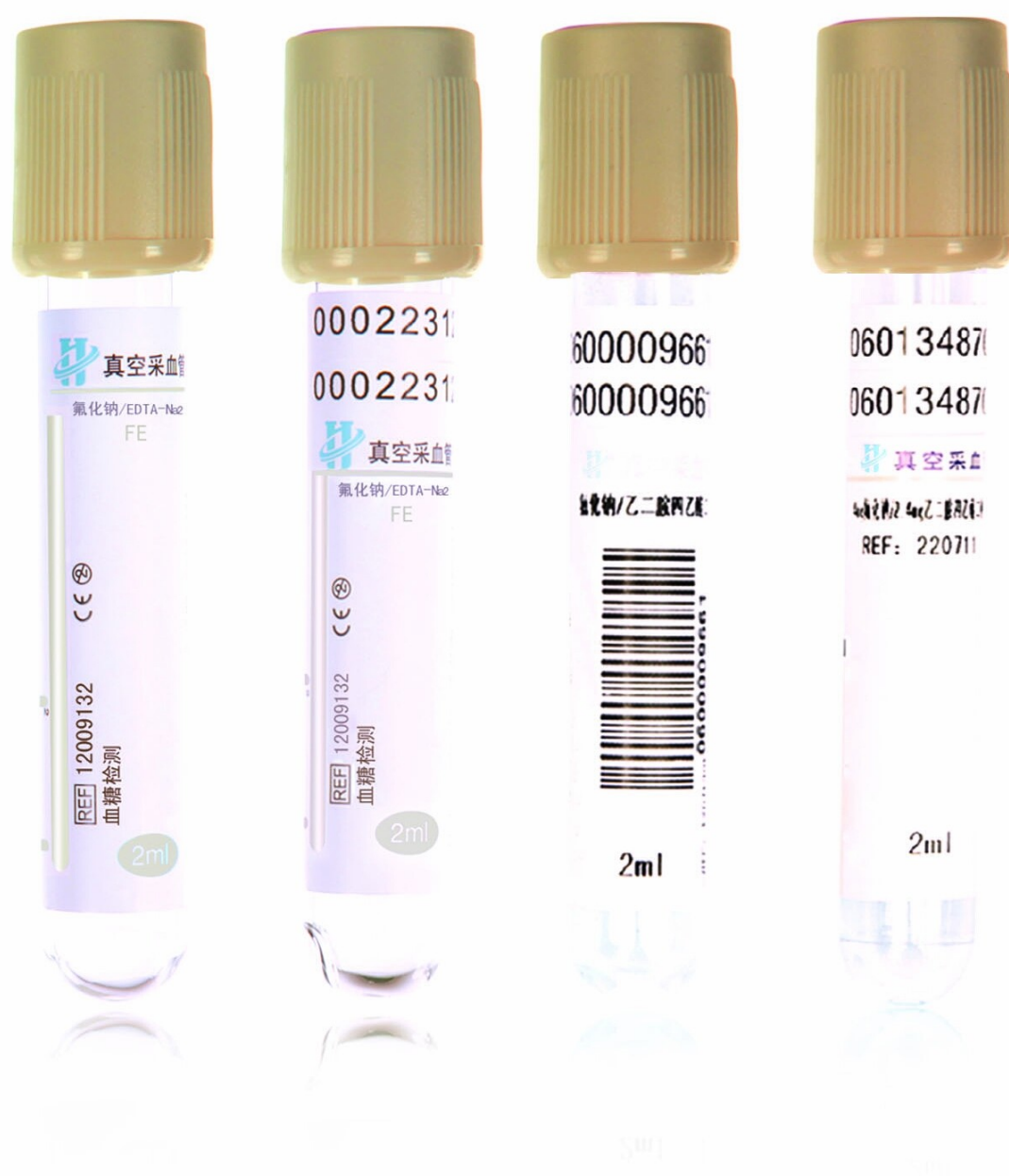






## Glucose Tube

- Glucose tube is mainly used for blood sugar monitoring and detection of glucose tolerance, inner tube is sprayed with EDTA–Na<sub>2</sub> or Sodium Heparin and Sodium Fluoride, Sodium Fluoride can make the glucose concentration keep steady in 24 hours with room temperature.
- Mixing Conditions: After blood collection, turn tube upside down with 180 degree and shake 8–10 times carefully.
- Centrifugation Conditions : ≤ 1300g, 10 minutes, room temperature 25°C.



Product code	Tube size	Tube material	Type	Additive
12009132	13*75	glass	2ml	Sodium Fluoride/
22009132	13*75	PET	2ml	EDTA–Na <sub>2</sub>



◀◀◀◀ Lithium Heparin Tube/Sodium Heparin Tube

- ◎Heparin tube sprayed with Lithium Heparin or Sodium Heparin is used for separating plasma after blood collection,it is applied to rapid plasma biochemical test.It is available for most of Clinical biochemistry test or used for the experiment of hemorheology.
- ◎Mixing Conditions:After blood collection,turn tube upside down with 180 degree and shake 8–10 times carefully.
- ◎Centrifugation Conditions : ≤1300g,10 minutes,room temperature 25℃.



Product code	Tube size	Tube material	Type	Additive
15006232	13*100	glass	5ml	Sodium Heparin
25006232	13*100	PET	5ml	Sodium Heparin
15007232	13*100	glass	5ml	Lithium Heparin
25007232	13*100	PET	5ml	Lithium Heparin



## ◀◀◀◀ Nucleic Acid Tube

- ◎ Nucleic Acid tube take EDTA-K2 as anticoagulant, after centrifugation, gel separate blood-cells and plasma, high quality plasma samples can be used for Nucleic Acid test.
- ◎ Mixing Conditions: After blood collection, turn tube upside down with 180 degree and shake 8-10 times carefully.
- ◎ Centrifugation Conditions : 1300g-2000g, 10 minutes, room temperature 25°C.

Product code	Tube size	Tube material	Type	Additive
25012232	13x100	glass	5ml	Gel/EDTA-K2
28012332	16x100	PET	8ml	

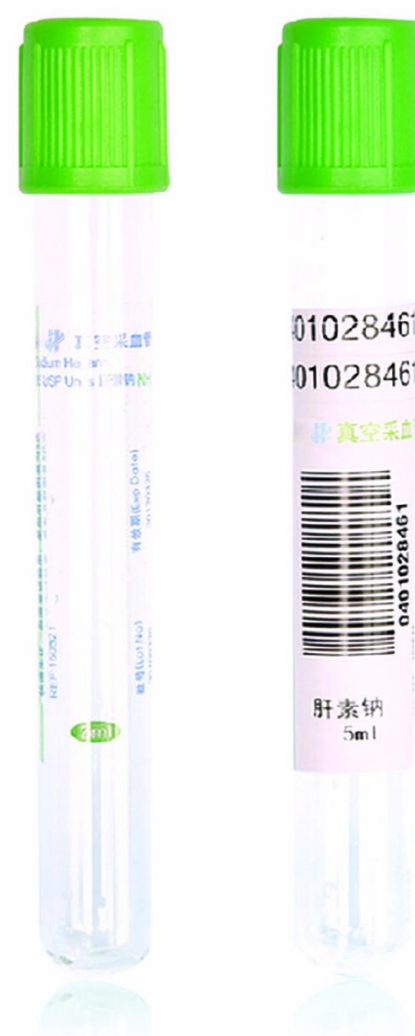


## ◀◀◀◀ Trace Elements Tube

- ◎ The rubber stopper of the tube with Lithium Heparin which is specially used for trace elements test is made of special materials with trace elements. This tube is specialized in detecting special trace elements. The maximum value for those trace elements is :

Element	As	Cd	Ca	Cr	Cu	Te
μg/L	0.2	0.1	150	0.5	5.0	25

Element	Sb	Mg	Mn	Hg	Se	Zn
μg/L	0.3	40	1.5	3.0	0.6	40





# Holder Needle

## Holder/Needle

### ◇ Needle Holder

#### ★ Screw Needle Holder



#### ★ Safe Needle Holder



### ◇ Pentype Needle



Specification		Color Standard
23Gx1"	0.6x25mm	Deep blue
22Gx1"	0.7x25mm	Black
22G x 1 1/2"	0.7x25mm	Black
21Gx1"	0.8x25mm	Deep Green
21G x 1 1/2"	0.8x38mm	Deep Green
20Gx1"	0.9x25mm	Yellow
20G x 1 1/2"	0.9x38mm	Yellow
18G x 1 1/2"	1.2x38mm	Pink
16G x 1 1/2"	1.6x38mm	White

### ◇ Butterfly Needle

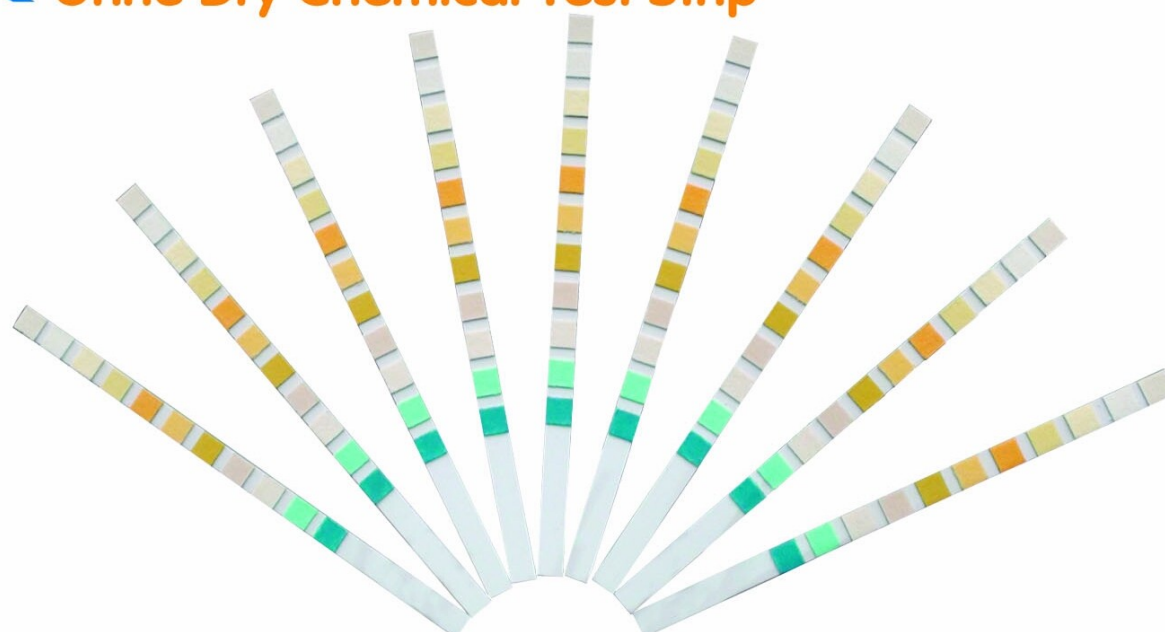


OD (mm)	Specification	Color Standard	Normal Length				
			12mm 1/2"	16mm 5/8"	19mm 3/4"	25mm 1"	28mm 1 1/8"
0.40	27G	grey					
0.45	26G	brown					
0.50	25G	orange					
0.55	24G	purple					
0.60	23G	blue					
0.70	22G	black					
0.80	21G	green					
0.90	20G	yellow					
1.00	19G	beige					
1.20	18G	pink					





## Urine Dry Chemical Test Strip



- Product NO.:61110002
- Packing Specification:100piece/barrel
- Test Items:

Item Name	Unit	Measurement Range
Glucose	mmol/L	4-7
Bilirubin	mg/dL	0.41-0.82
Ketones	mmol/L	0.5-1.0
Blood	cells/ul	5-15
PH		0.5-8.5 take 0.5 as a unit
Protein	mg/dL	15-30
Nitrite	Umol/L	13-22
Leukocytes	cells/ul	5-15
Urobilinogen	μ mol/L	3.2-16
Ascorbic Acid	mg/dL	5-10
Specific Gravity		From 1.005 to 1.030 there are total 6 specific gravity, every specific gravity is 0.005.

## Urine Dry Chemical Test Card



- Test Items:Glucose , Protein,Blood,Leukocytes
- Product NO: 60400101
- Packing Specification:for one person
- Storage:Store at room temperature out of sunlight
- Use together Lab Touch Portable Urine Analyzer



# Urine Analysis Product

## Automatic Urine Analyzer



Product NO.:71151502

Technical Parameters:

Item	Technical Standard
Determination principle	Reflection photometer determine the color changes of Urine Strip and calculate related concentration values, then output semi-quantitative results
determination wavelength	470nm、525nm、625nm
Determination speed	515samples/hour
Report	LCD;serial output;built-in 57mm thermal printer, English and Chinese both ok;External parallel port printer,English and Chinese both ok.
Liquid crystal display	320x240 dot matrix LCD
Output Type	Touch Screen
Report Storage	save 2000 sets test reports
External Interface	Standard RS-232 serial port,can be connected to computer;25 pin parallel port driver external printer
Voltages	AC100-240V 50/60Hz
Power	≤45VA
SIZE	390x330x210mm
Weight	6KGS

## Portable Urine Analyzer



- Testing Scope:Glucose,Protein,Blood&Leukocytes
- Testing Wavelength:550,570,630,720
- Testing Time:30-120s
- History record can be kept and checked
- Temperature and colour can be compensated
- Result output mold is diversified.Either external printer or computer can be connected.
- SIZE:133X70X25mm
- Weight:150g(4 dry batteries is not included)
- Product NO.:70403001



Dillgence Cautious Well Duty



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