

The background features a light gray geometric pattern of overlapping triangles. Scattered across the slide are several squares in three colors: white, dark blue, and bright blue. Some squares are solid, while others have a 3D effect with a gradient and a drop shadow.

BIOELAB
— 颐 兰 贝 —

Semi Automatic Biochemical Analyzer

A realistic illustration of a human hand with the index finger pointing upwards, positioned as if interacting with the text below.

B Biological Science & Technology Co.,
LTD

ES-100P、ES-102、ES-103、ES-100C、ES-101C、ES-105

Outstanding advantage

High precision. Responding speed quickly. Little reagent consumption.



7 INCH BIG COLOR TOUCH SCREEN

Advantage touch screen, support OEM design .



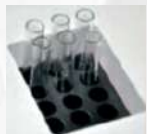
HUGE STORAGE CAPACITY

Store 300 programs and 200000 sample results.



IMPORTED LAMP & AUTO-SLEEPING

2000 hours lifetime, auto-sleep function. Energy conservation.



INCUBATOR & BLOOD COAGULATION FUNCTION

Incubator supply different size of positions for tubes and coagulation tubes.



4 USB PORTS , 1 ETHERNET PORTS

Easy to be connected with PC, mouse, keyboard and Barcode reader.



Interface port introduction

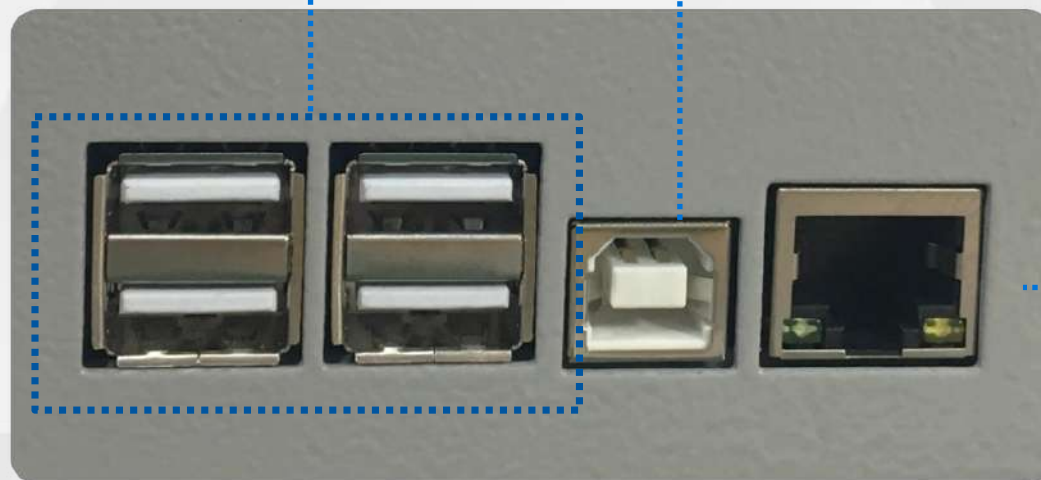
High precision. Responding speed quickly. Little reagent consumption.

4 USB hosts for mouse, keyboard, printer, U disk and so on.



Connect LIS

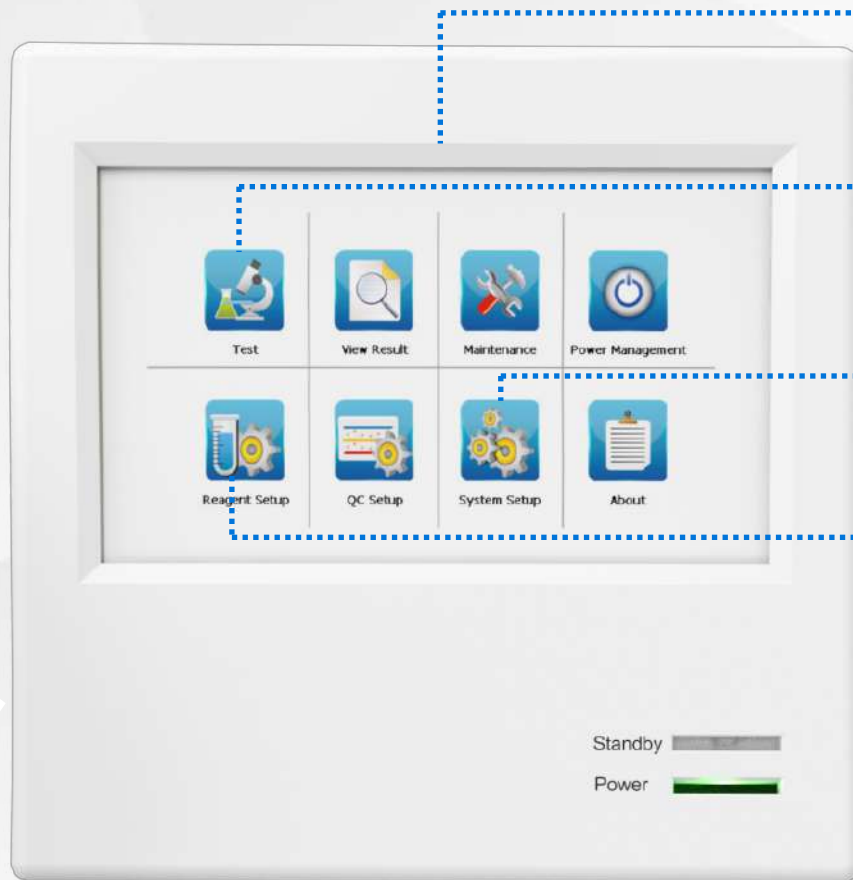
Flow colorimetric pond
Optical system filter
Bulb Peristaltic pump
The built-in incubator



Connect PC

Display surface introduction

High precision. Responding speed quickly. Little reagent consumption.



7.0" TFT LCD with touch screen,
The main interface can be customized.

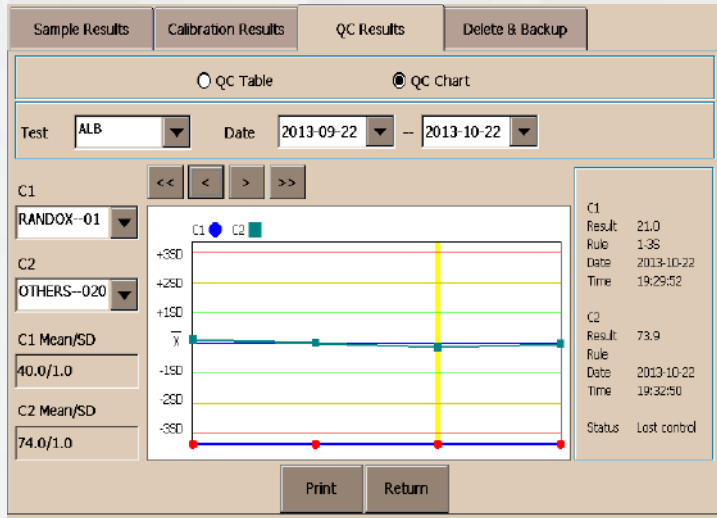
With incubator function;
With Blood coagulation function which
show reaction curve.

Parameter setting interface.

Biochemical test interface;
Two color curves with two wavelengths.

Strong software surface

High precision. Responding speed quickly. Little reagent consumption.



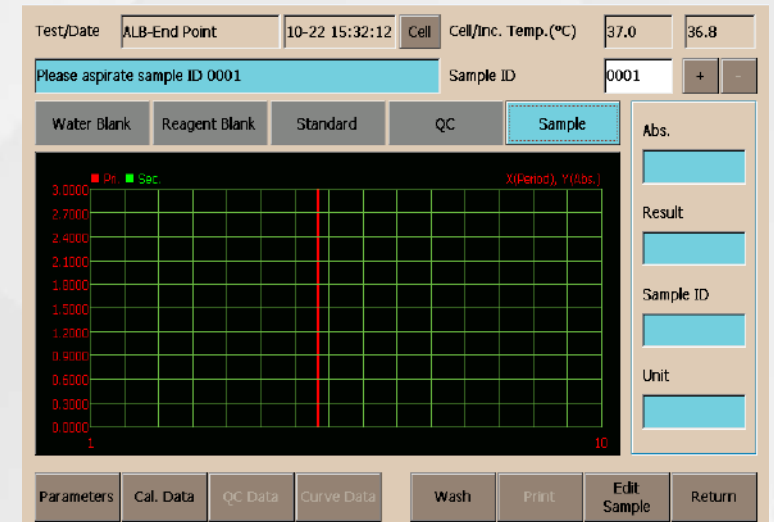
QC chart

View QC chart, check the QC status, and print the QC chart. The Quality control is according to Westgard multi-rule

The screenshot shows the 'Analyze' tab for setting up a clinical chemistry assay. The 'Test Name' is 'ALT', and the 'Method' is 'Kinetics'. The 'Unit' is 'μmol/l'. The 'Primary-Filter' is '340', and the 'Secondary-Filter' is 'None'. The 'Incubation Time(s)' is '60', and the 'Testing Time(s)' is '60'. The 'Aspiration Vol.(μl)' is '500'. The 'Ref. Range' is '0.0 ~ 70.0', and the 'Linearity Range' is '10.0 ~ 500.0'. The 'Temp.(°C)' is '37'. The interface includes a list of tests on the left (TT, APTT, PT, ALB, ALT, TP, Test014, Test015, Test016, Test017, Test018, Test019, Test020, Test021) and buttons for 'Add', 'Delete', 'Save', 'Cancel', 'Print', and 'Return' at the bottom.

Clinical Chemistry Assay Setup

A large number of test programs are available. Could set various of analysis parameters.



Clinical Chemistry Assay Test

Allows you to do water blank, reagent blank, standard, QC and sample test, display real time reaction curve, temperature and date.

Strong software surface

High precision. Responding speed quickly. Little reagent consumption.

The interface features five tabs at the top labeled "Page 1" through "Page 5". Below the tabs is a grid of 30 test buttons arranged in 5 rows and 6 columns. The first row contains TT, APTT, PT, ALT, AST, and ALP. The second row contains TP, GLU, CRE, UA, BUN, and TBIL. The third row contains DBIL, ALB, CK, Test000, Test001, and Test002. The fourth row contains Test003, Test004, Test005, Test006, Test007, and Test008. The fifth row contains Test009, Test010, Test011, Test012, Test013, and an empty button. At the bottom left, it says "Number Of Tests:29". At the bottom right, there are two buttons: "Check AD" and "Return".

Page 1	Page 2	Page 3	Page 4	Page 5	
TT	APTT	PT	ALT	AST	ALP
TP	GLU	CRE	UA	BUN	TBIL
DBIL	ALB	CK	Test000	Test001	Test002
Test003	Test004	Test005	Test006	Test007	Test008
Test009	Test010	Test011	Test012	Test013	

Number Of Tests:29

Check AD Return

Multiple assay project ready for testing.

Support at least 300 test project, unlimited expansion is available.

The dialog shows test parameters at the top: "Test/Date" (PT, 2000-01-01 07:27:33), "Cuv./Inc. Temp.(°C)" (37.0, 37.0), and "Sample ID" (002). A message box says "Please add sample ID 002(100ul) and click start button". Below this are buttons for "Control PT", "QC", and "Sample". The "Sample" button is highlighted. To the right of the graph are fields for "Clotting Time" (17.00), "PTR" (1.38), "INR" (1.42), and "Sample ID" (001). The central graph shows a red curve on a green grid. The y-axis is labeled "Y(AD Value)" and ranges from 42264 to 57582. The x-axis is labeled "X(Period/100ms)" and ranges from 1 to 261. At the bottom are buttons for "Parameters", "QC Data", "Curve Data", "Start", "Print", and "Return".

Test/Date PT 2000-01-01 07:27:33 Cuv./Inc. Temp.(°C) 37.0 37.0

Please add sample ID 002(100ul) and click start button Sample ID 002 + -

Control PT QC Sample

Clotting Time 17.00

PTR 1.38

INR 1.42

Sample ID 001

X(Period/100ms), Y(AD Value)

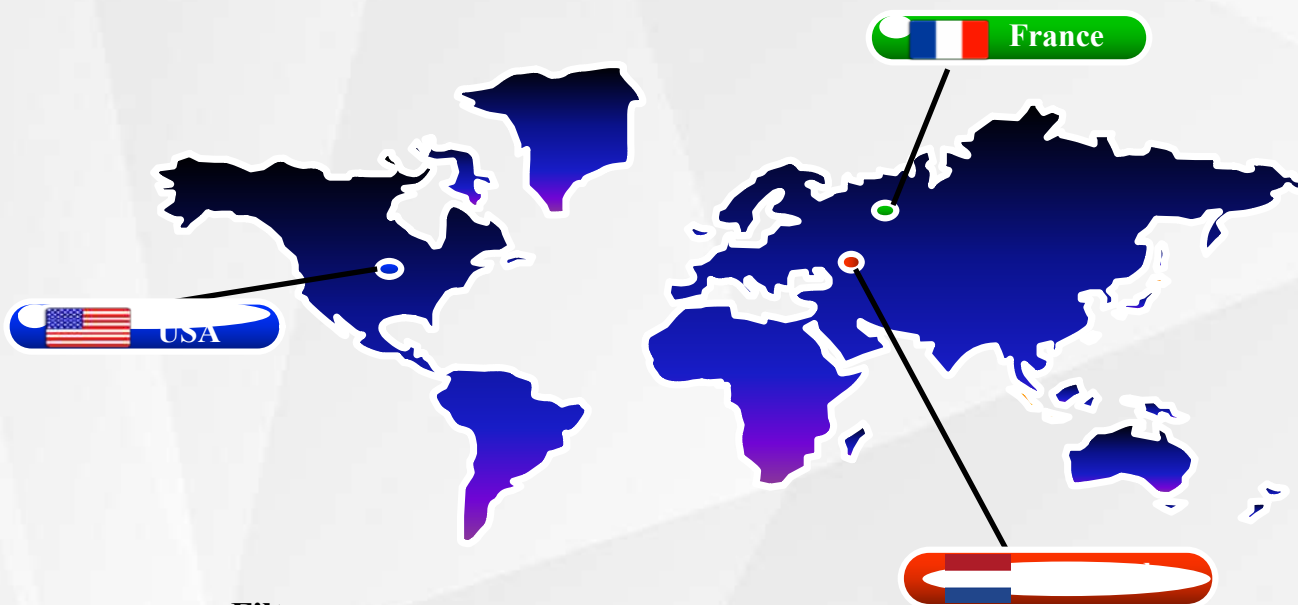
Parameters QC Data Curve Data Start Print Return

Coagulation Assay Test

Clotting test dialog allows you to do coagulation assay testing, display real time reaction curve, temperature and date.

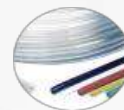
Spare parts Global sourcing

High precision. Responding speed quickly. Little reagent consumption.



Filter

High quality, strong anti-interference, more accurate absorbance, life-long maintenance free



Pipeline

Reliable quality



Philips light source

Long life, up to 2000 hours



Long time warranty

- 5 years warranty for optical system.
- 2 years warranty for whole machine.

Parameters details

High precision. Responding speed quickly. Little reagent consumption.



Technical specifications

Test method:	1 point end, 2 point end(Sample blank), Kinetics, Fixed-time, Coagulation(optional).
Optics:	7 standard filters: 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm. 2 more for optional.
Lamp house:	Long-life tungsten halogen lamp(6V/10W), auto-sleep function.
Display:	7.0" TFT LCD with touch screen, 800*480 pixels.
Printer:	Build-in thermal printer, 57mm printer paper.
Temperature:	25, 30, 37°C and Room temperature. By means of Peltier elements.
Flow cell capacity & optical path:	32ul, 10mm.
Resolution:	0.0001 Abs.
Photometric range:	0.0000-4.0000 Abs.
CPU:	ARM Cortex-A8, 720M Hz.
Memory:	DDR2 SDRAM: 1G bit; Flash: 256 MB; Over 300 programs, 200000 results can be stored.
Interface:	4 USB Hosts, 1 USB Slave, 1 Ethernet port. USB port(host) for keyboard, mouse, printer, U disk, bar code reader etc. USB port(slave) for PC connection(support PC software control function).
Operational environment:	Temperature: 10°C~30°C, Humidity: 30%~80%.
Power requirement:	Wide power supply AC 100-240V, 50/60 Hz.
Dimension:	400*300*160mm(L*W*H).



Thanks for watching.