BT Series

AUTO BLOOD CULTURE SYSTEM

User Manual

China Care Medical Equipment Co., Ltd

CE

Intellectual property statement

China Care Medical Equipment Co., Ltd owns the intellectual property rights to China Care product and manual.
This manual may refer to information protected by copyright or patents and does not convey any license under the patent rights or copyright of China Care , or of others.

China Care intends to maintain the contents of this manual as confidential information. Disclosure of the information in this manual in any manner whatsoever without the written permission of China Care is strictly forbidden.

Release, amendment, reproduction, distribution, rental, adaptation, translation or any other derivative work of this manual in any manner whatsoever without the written permission of China Care is strictly forbidden.

Responsibility on the manufacturer

Contents of this manual are subject to changes without prior notice.

All information contained in this manual is believed to be correct. China Care shall not be liable for errors contained herein nor for incidental or consequential damages in connection with the furnishing, performance, or use of this manual.
China Care is responsible for the effects on safety, reliability and performance of this product ,only if:

- All installation operations, expansions, changes, modifications and repairs of this product are conducted by China Care authorized personnel.
- Electrical installation of the relevant room complies with the applicable national and local requirements.
- Product is used in accordance with the instructions for use.

Customer Service Department

China Care Medical Equipment Co., Ltd
Website: www.chinacaremedical.com/
www.hospitalequipment.cn
Tel: +86 13926480041

WARNING

- It is important for the hospital or organization that employs this equipment to carry out a reasonable service/maintenance plan. Neglect of this may result in machine breakdown or injury of human health.
- Be sure to operate the analyzer under the situation specified in this manual; otherwise, the analyzer will not work normally and the analysis results will be unreliable, which would damage the analyzer components and cause personal injury.

NOTE

- This instrument must be operated by skilled/trained clinical professionals.

Contents

User Manual....1

Intellectual property statement....2

Responsibility on the manufacturer....2

Customer Service Department....3

1 About This Manual....5

1.1 Introduction....5

1.2 Who Should Read This Manual....5

1.3 Warning Symbols....5

1.4 Safe Symbols....5

1.5 Symbols used in the label....6

2 Understanding Your Instrument....7

3 Instrument Installation....9

3.1 Instrument Assembly....9

3.1.1 Circuit wiring....9

4 Understanding The System....12

4.1 Hardware Introduction....12

4.2 Software Introduction....13

5 Maintenance And Troubleshooting....23

6 After-Sales Service....27

7 Delivery & Storage....27

1 About This Manual

1.1 Introduction

This chapter explains how to use your user manual, which is shipped with your BT series of Auto Blood Culture System and contains reference information about the system and procedures for operating, troubleshooting and maintaining the system. Read this manual carefully before operating your system, and operate your system strictly as instructed in this manual.

1.2 Who Should Read This Manual

This manual contains information written for clinical laboratory professionals to:

- Learn about the product.
- Customize system settings.
- Perform daily operating tasks.
- Perform instrument maintenance and troubleshooting.

1.3 Warning Symbols

The following symbols are used to indicate danger and alert information on the instrument.

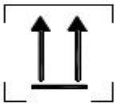
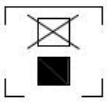
Symbols		Meaning
External of instrument		There is blood in the cuvette, please wear medical gloves. Used cuvette should be disposed as medical waste appropriately for the sake of avoiding potentially biohazardous condition.
		Do not touch the instrument when it is operating!

1.4 Safe Symbols

The following symbols are sticked in or on the instrument; user should comprehend the meaning.

Symbols	Meaning
	Caution, consult accompanying documents. Note: suggesting the users consult to accompanying documents to get important safety information.
	Protective earth (ground)
	For in vitro diagnostic use

1.5 Symbols used in the label

	Manufacturer		Date of manufacture
	Authorized representative		Keep away from sunlight
	Batch code		Serial number
	Keep away from rain		Fragile, handle with care
	Consult instruction for use		Upward
	Do not stack		Not for recycle
	Electrical safety sign		CE mark
	Take out the foam sign		Starting button

2 Understanding Your Instrument

2.1 Product name

Auto blood culture system

2.2 Model

Model: BT24, BT 48, BT 60, BT120, BT180, BT240. BT300, BT360, BT420, BT480

2.3 Test Principle

After inoculating the sample into blood culture bottle, put the bottle into this system and incubate itat body temperature. As the microbes rapidly grow, metabolic gase is produced. It leads to a change of the color of the bottle sensor. Then, the system recognizes the change and analyzes by multiple algorithm, and give the result by sound alarm and door flashing and presenting on the operation screen.

2.4 Application

The system should be used with the blood culture bottles produced by China Care Medical Co.,Ltd.. And it is used for the detection of microbial in human blood or other sterile body fluids under normal conditions through in vitro culture by medical, health, and scientific research organizations

2.5 Working Condition

Ambient Temp. : 10℃－30℃
Relative humidity: ≤80%
Light illumination: Avoid direct sunlight
Power supply: AC100V-240V，50/60HZ±1HZ
Atmospheric pressure: 76kPa～106kPa

2.6 Safety warning

The device records the patient's names, barcodes and blood test results. All the data is stored in the database which is set for authority control;
The equipment reserves a wired network interface. The owner of the equipment should ensure that the equipment is in a safe network condition. It is forbidden to install other software, and refer to the following inspection items.

Inspection items	Contents
Hardware	Inter（R） celeron（R） CPU J1900 @1.99GHz/2.0GB
System	Windows 7 / Windows 10
Network conditions	RJ-45 port, Standard TCP/IP protocol
Application software	Auto blood culture system
Support software	My SQL5.5
Safety software	360(WIN7) / Microsoft Defender（WIN10 inside）
USB port	Connecting mouse

2.7 Software version

V1.

2.8 Technical Parameter

<table>
<tr><th>Model</th><th>Composition</th><th>Power consumption（VA）</th><th>Capacity (cell)</th><th>Size（mm）</th><th>Net weigh（Kg）</th></tr>
<tr><td>BT24</td><td>Host unit</td><td>130</td><td>24</td><td rowspan="2">Host：417×271×262
Sub：378×264×262</td><td>12.5</td></tr>
<tr><td>BT48</td><td>Host unit + 1 Sub Unit(24 cells)</td><td>240</td><td>48</td><td>24</td></tr>
<tr><td>BT60</td><td>Host unit</td><td>230</td><td>60</td><td rowspan="3">Host：580×376×361
Sub：540×376×361</td><td>27</td></tr>
<tr><td>BT120</td><td>Host unit + 1 Sub Unit(60 cells)</td><td>460</td><td>120</td><td>53</td></tr>
<tr><td>BT180</td><td>Host unit + 2 Sub Unit(60 cells)</td><td>690</td><td>180</td><td>79</td></tr>
<tr><td>BT240</td><td>Host unit + 3 Sub Unit(60 cells)</td><td>920</td><td>240</td><td></td><td>105</td></tr>
<tr><td colspan="6">Remark: 1. The way to differentiate the Host unit and Sub unit is to check if there is a monitor.
The data in Sub unit is designed to export to Host unit and be recorded.</td></tr>
</table>

2.8.1 Product Performance

Accuracy ：100%。
Repeatability ：100%。
Fuse Requirement：F2AL 250V

3 Instrument Installation

3.1 Instrument Assembly

NOTE

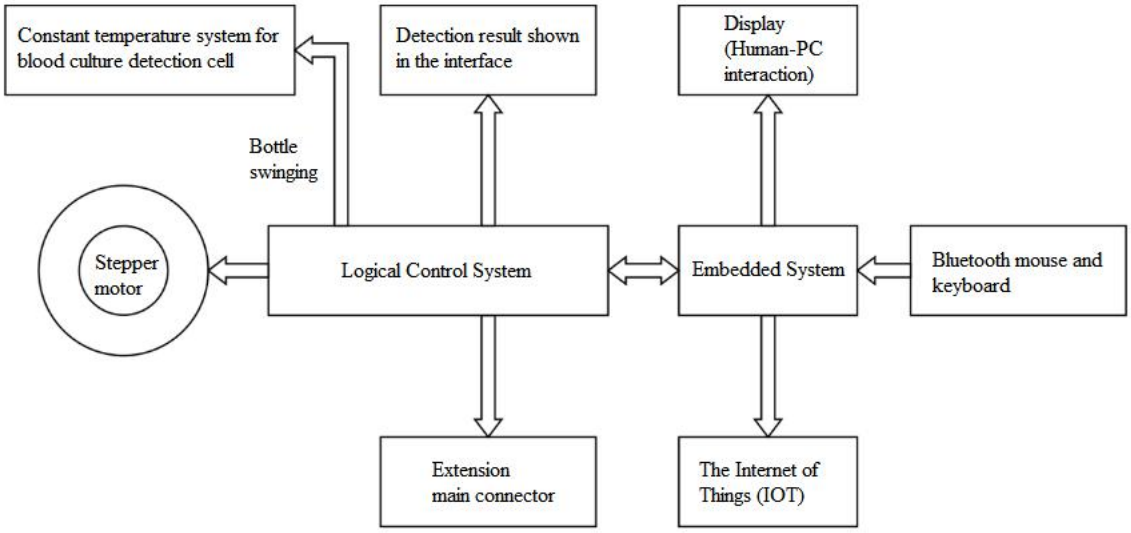
″ The Blood Culture System must be placed on a flat, solid working table.

3.1.1 Circuit wiring

The Blood Culture analyzer is wired according to its sketch

NOTE

″ Before replace insurance tube inside fuse, please insure that system and power supply are closed. Fuse specification: 2A/250V/20mm, Type code: F2AL250V.



3.1.2. Configuration:

Standard Configuration		
SN	**Description**	**Quantity**
1	Main Unit	1
Standard accessories kit includes:		
SN	**Description**	**Quantity**
1	Power Supply	1
2	User Manual	1
3	Keyboard	1
4	Mouse	1
5	Tag	1
6	Quality Certificate	

3.1.3. Power supply:

Well grounded mains power

3.1.4. Installation：

Place the instrument on a stable flat surface, make it more than 20cm away from the wall or other obstacles;

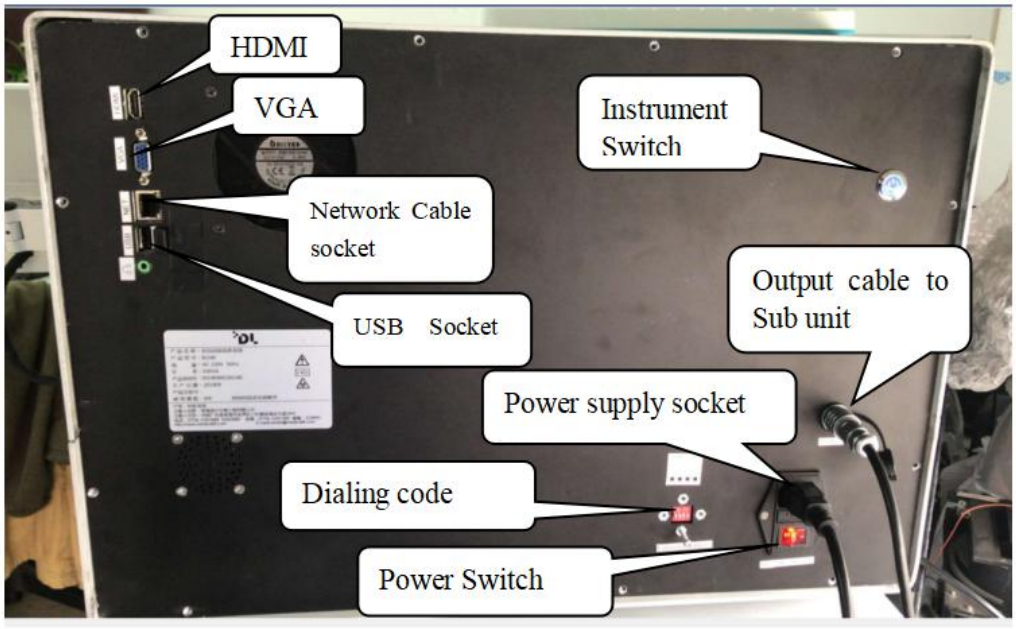
① Connect the monitor communication cable to the VGA in the rear of the machine;

② According to working condition, connect the power supply.

3.1.5 Input&Output port

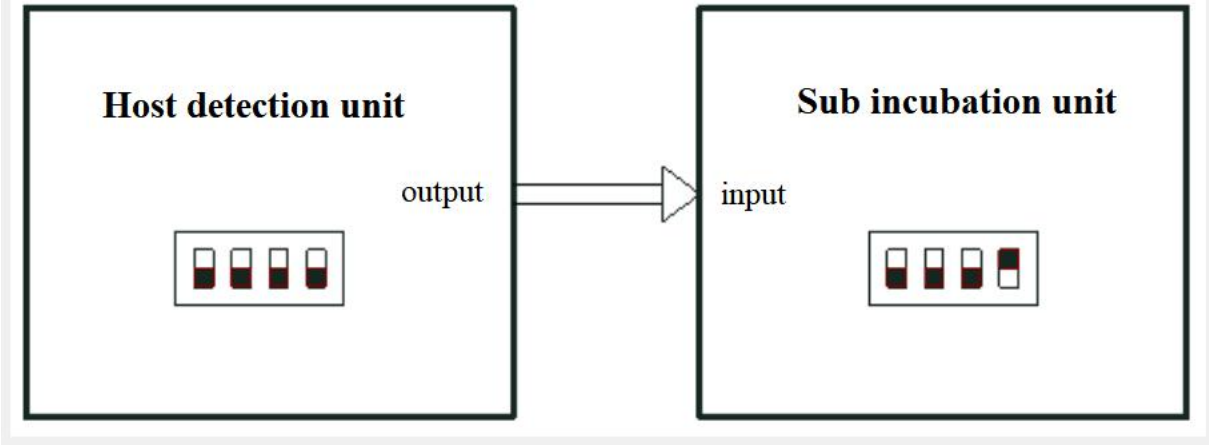
Port	Name	Instruction
Output	HDMI	Standard HDMI display device
	VGA	Standard VGA display device
	NET	Use RJ45 connector network cable to connect to LIS system
	USB	Keyboard & Mouse
	OUTPUT	Communicate cable to the Sub unit
Input	Power	Power supply cable
	INPUT	Communicate cable to the Host unit

The Back view:



3.1.6. Dial code

Dial to identify each Sub detection bin. The code 0001 represents 1 for Sub 1 , the 0010 represents 2 for Sub 2, and so on. The connection and dialing are as below:

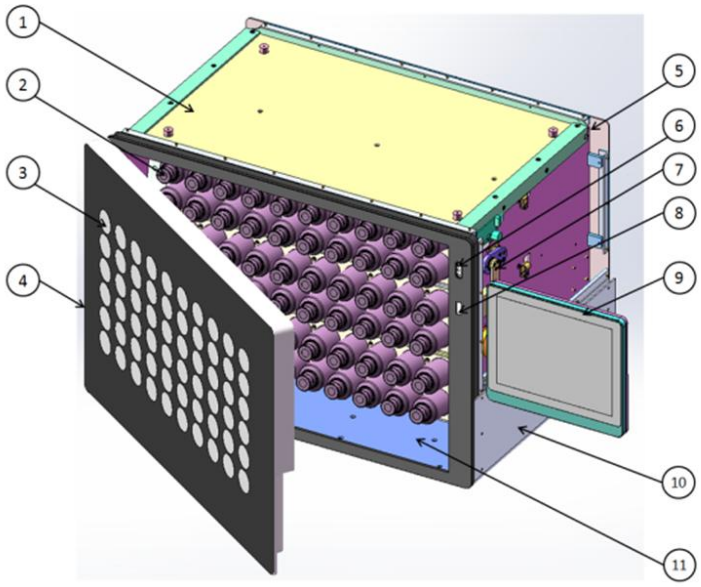


4 Understanding The System

4.1 Hardware Introduction

4.1.1. Host detection Unit

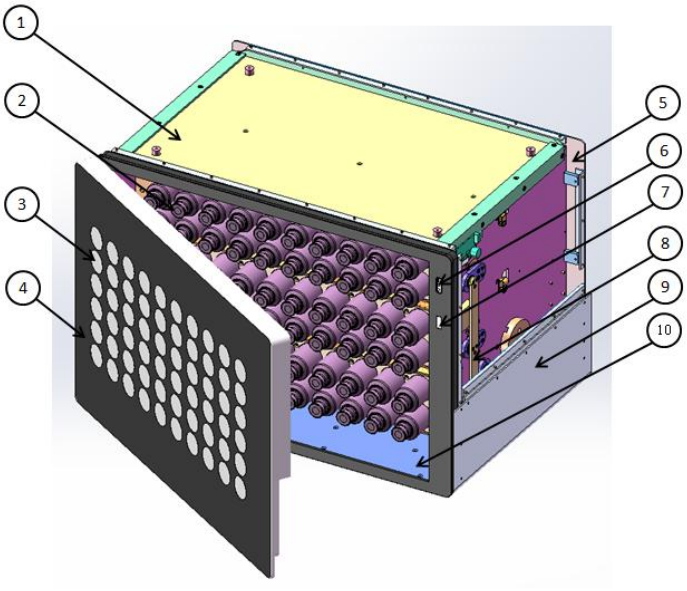
It contains touch screen, detection system, embedded control system, independent cell heaters, constant temperature control system and mechanical system.



1. Frame
2. detection module
3. Indicator light
4. Door
5. Power supply
6. Barcode scanner
7. Swing structure
8. Door sensor
9. Display
10. Bottom shell
11. Incubator

4.1.2. Sub Incubation Unit

It contains detection system, independent cell heaters, constant temperature control system and mechanical system.

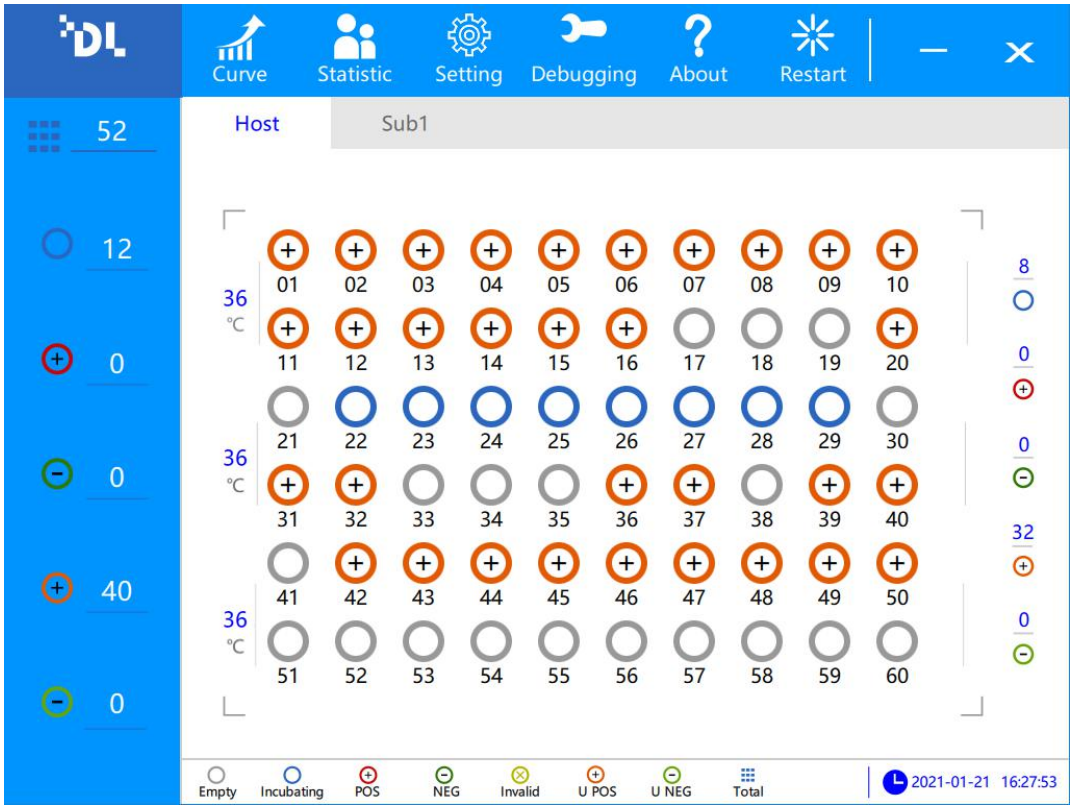


1. Frame
2. detection module
3. Indicator light
4. Door
5. Power supply
6. Barcode scanner
7. Swing structure
8. Door sensor
9. Bottom shell
10. Incubator

4.2 Software Introduction

4.2.1. Start up

Turn on the power switch on the instrument rear panel , and press the instrument switch. After the system boot is completed, the following screen will be displayed (Pic. 1) :



Pic. 1

The menu:

Curve: To check the test value and growth curve of the bottle, and print the curve and data.

Statistic: See the statistic of the recorded bottles.

Setting: To change the specification of alarm setting, detection time, ability of the cell and gateway, IP and so on

Debugging: To calibrate the detection racks and cells and Touch screen calibration

About: To see the version of the software and the manufacture information

Restart: To restart the software

The icon explanations:

Empty bottle: there is no bottle in the cell

Incubating: there is a bottle incubating in the cell

POS: the bottle turns positive in the cell

NEG: the bottle turns negative in the cell

Invalid: the cell is not available for use

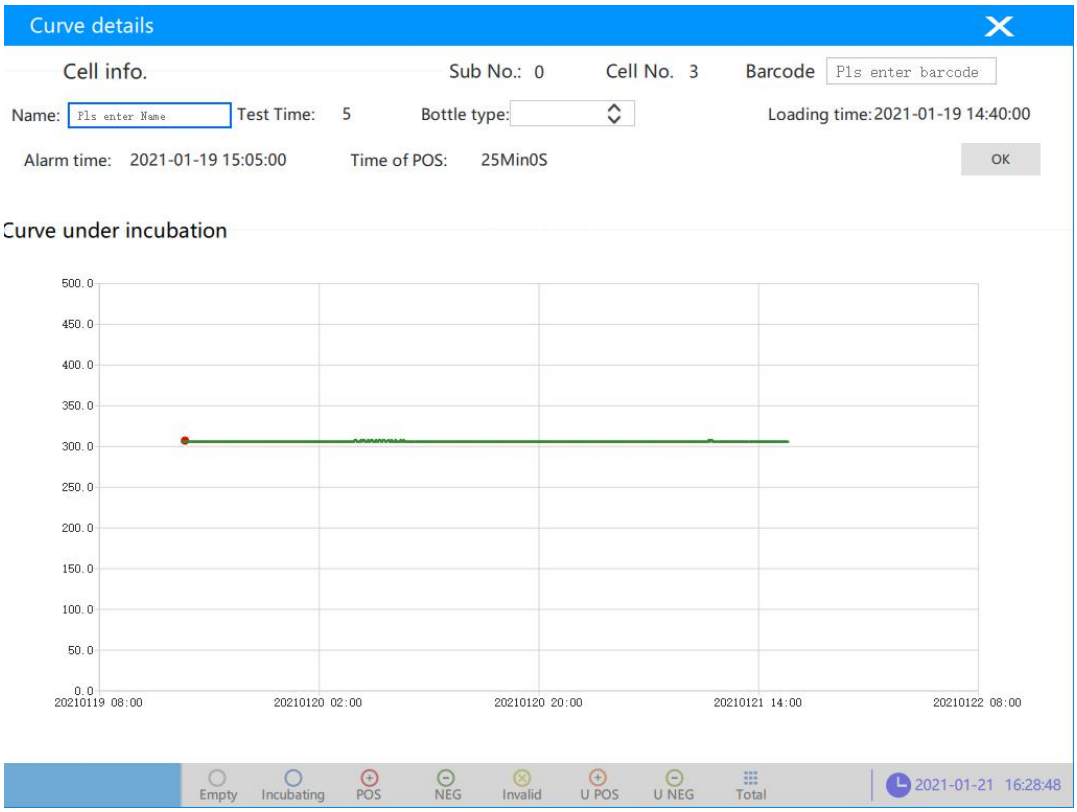
U POS: the unscanned bottle turns positive in the cell

U NEG: the unscanned bottle turns negative in the cell

Total: the quantity of bottles in the system

The status of the bottles:

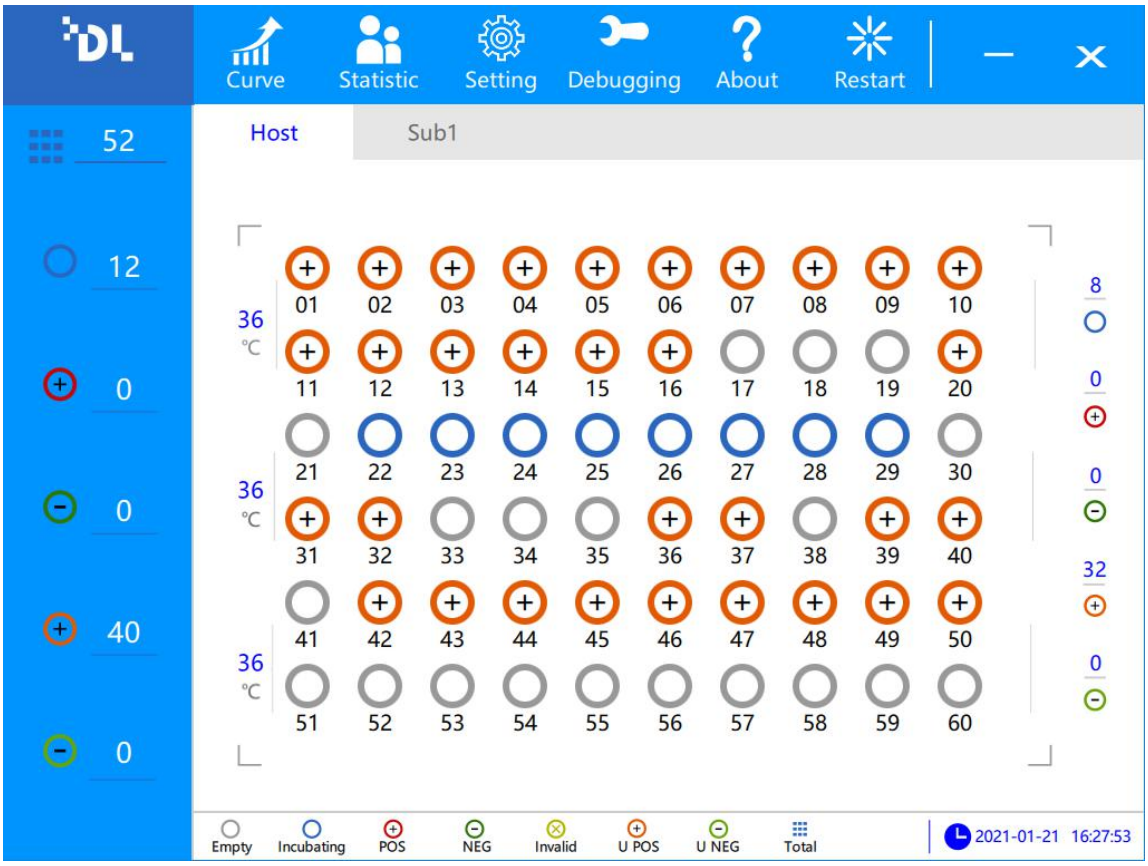
Click on the bottle icon to input the patient name and view the information, including barcode and bottle type, loading time, alarm time, time length of positive sample and the growth curve as shown in Pic. 2.



Pic. 2

4.2.2. Bottling

Open the door, scan the barcode of the bottle and insert it into the unit and close door. the following screen will be displayed (Pic. 3) :



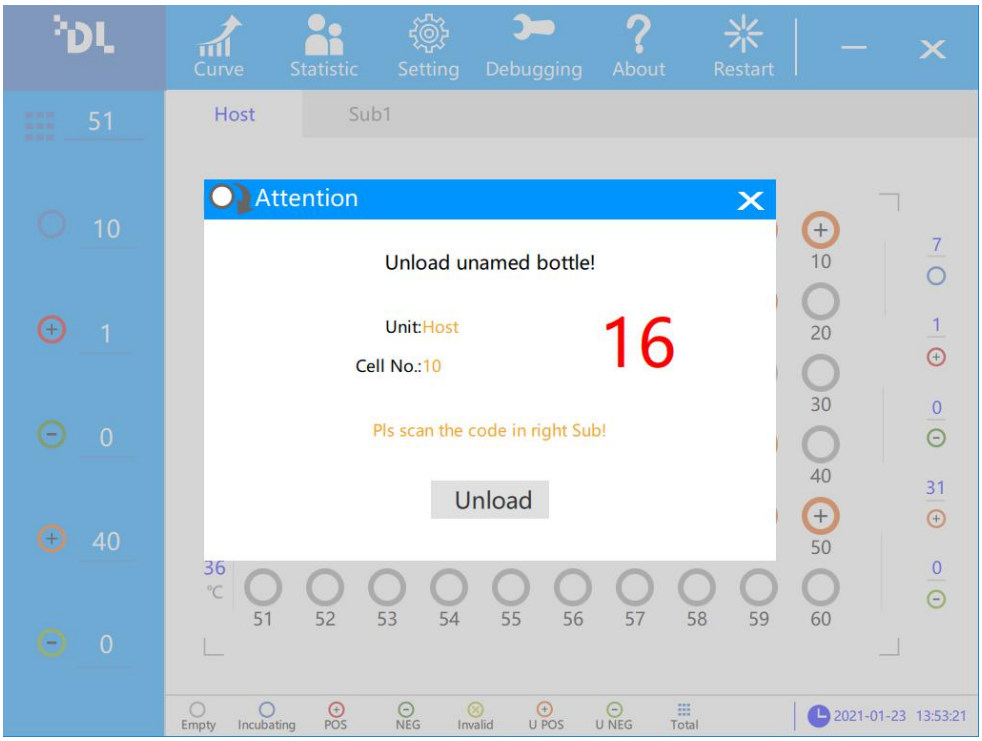
Pic. 3

Attention:

1. Before bottling, check every tested bottle carefully. When the bottle is damaged, it can't be used.
2. Barcode must be input when bottling. Otherwise, it's marked anonymous bottle and presented on the screen; If insert the bottle without clicking on the button "confirm", it will be marked as anonymous bottle, too.
3. When take the anonymous bottle out, its bar code should be recorded, avoiding the lost of its information.
4. If the bar code is used before, the system should have saved its data. Then this bottle is not allowed to be loaded again.
5. Please insert the bottle in available incubation unit, otherwise, system won't record any data or give any warning.
6. Please read the instruction of blood culture bottle for further reference.

4.2.3. Bottle Unloading

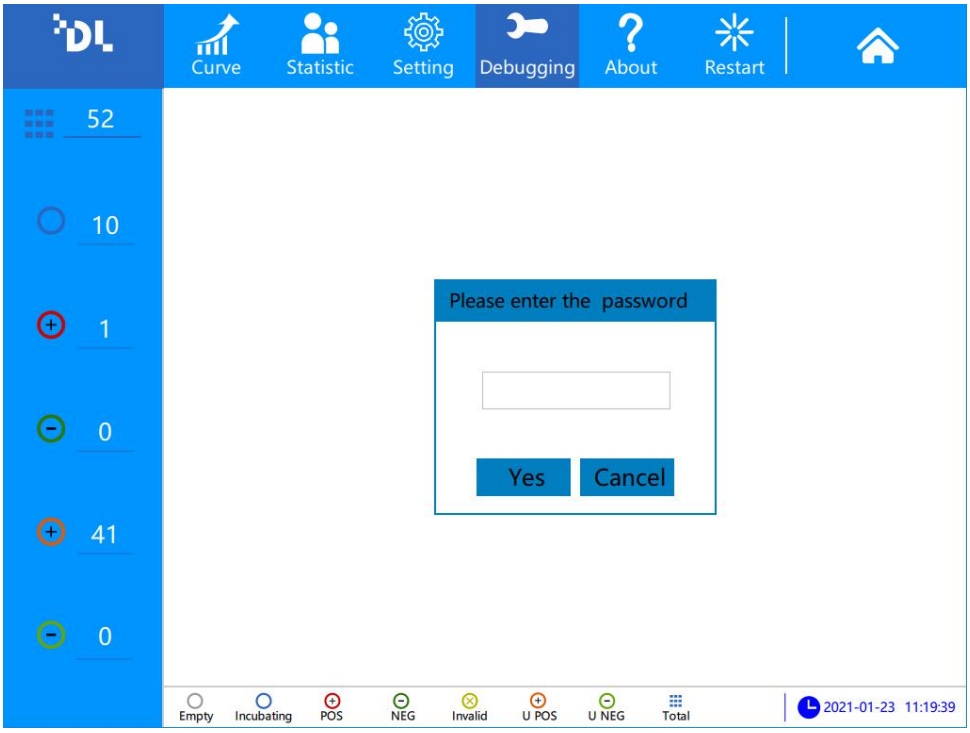
Open the door and take out the bottle. Once the bottle is unloaded, its bar code should be shown up on the screen (Pic.4). Click on “Unload”. If it’s anonymous, input the bar-code by scanning it.



Pic. 4

4.2.4. Debugging

Click on “Debugging” on the home page, Pic. 5will show up. Only authorized engineer is allowed to operate further.



Pic. 5

4.2.5. Print Curve and growth value

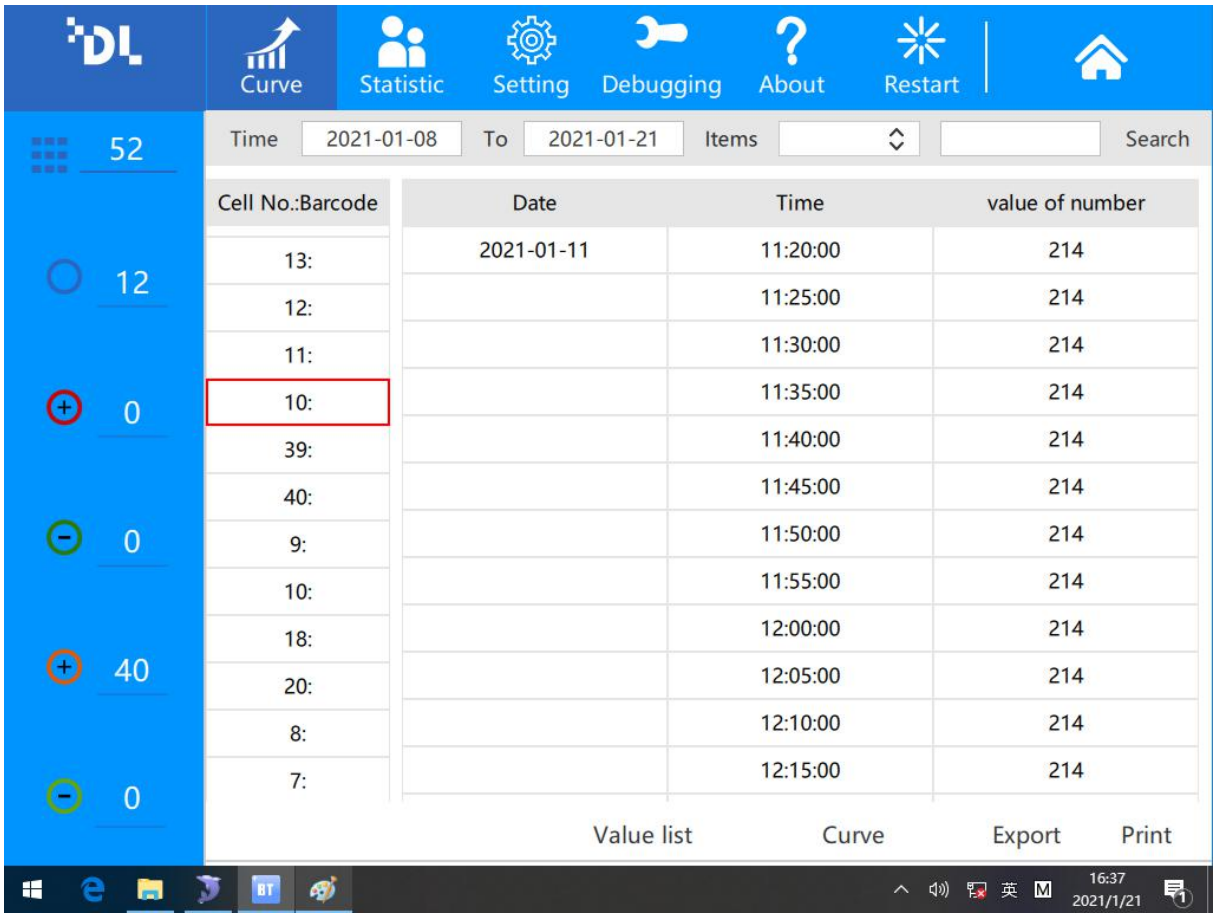
4.2.5.1. Printer connection

Connect the wire between the printer and the instrument, start up the instrument, then press “Esc” on the keyboard, we can go to the desktop, and search the printer from the System/Administration/Printer.

Check the website of the printer’s brand, and download the driver for window 10, and install it in the system.

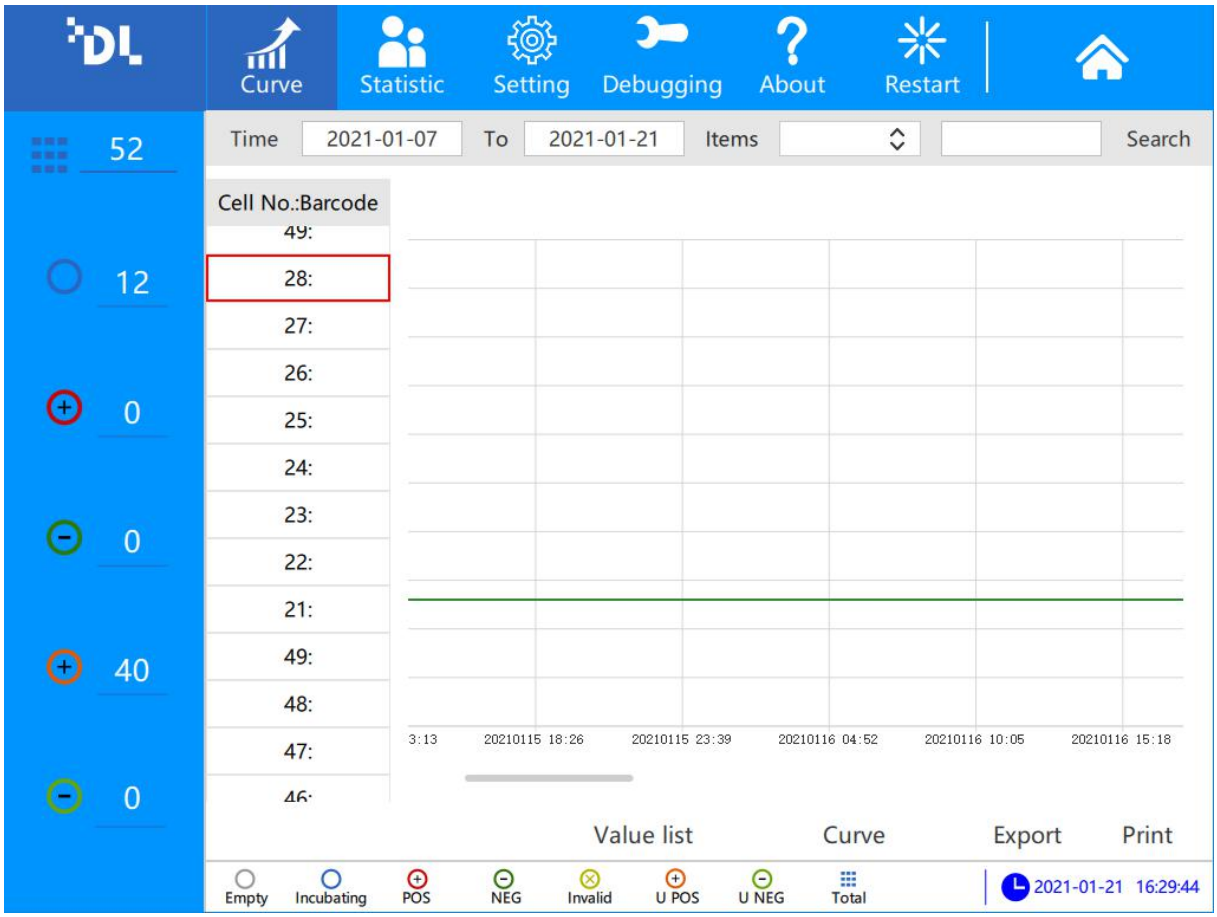
4.2.5.2. View the growth value and curve

Input the Barcode（capital letters）or Cell No., then click Search. It shows the value list of the certain bottle, shows as Pic 6.



Pic. 6

Click “Curve” icon to view the growth curve, X represents the detection time, Y represents the test value, shows as Pic 7.



Pic. 7

Click “Print”, the dialog box will come out, select the start time and the end time(less than 7 days, or it will print too much) . Then it shows as Pic.8, and print the report.

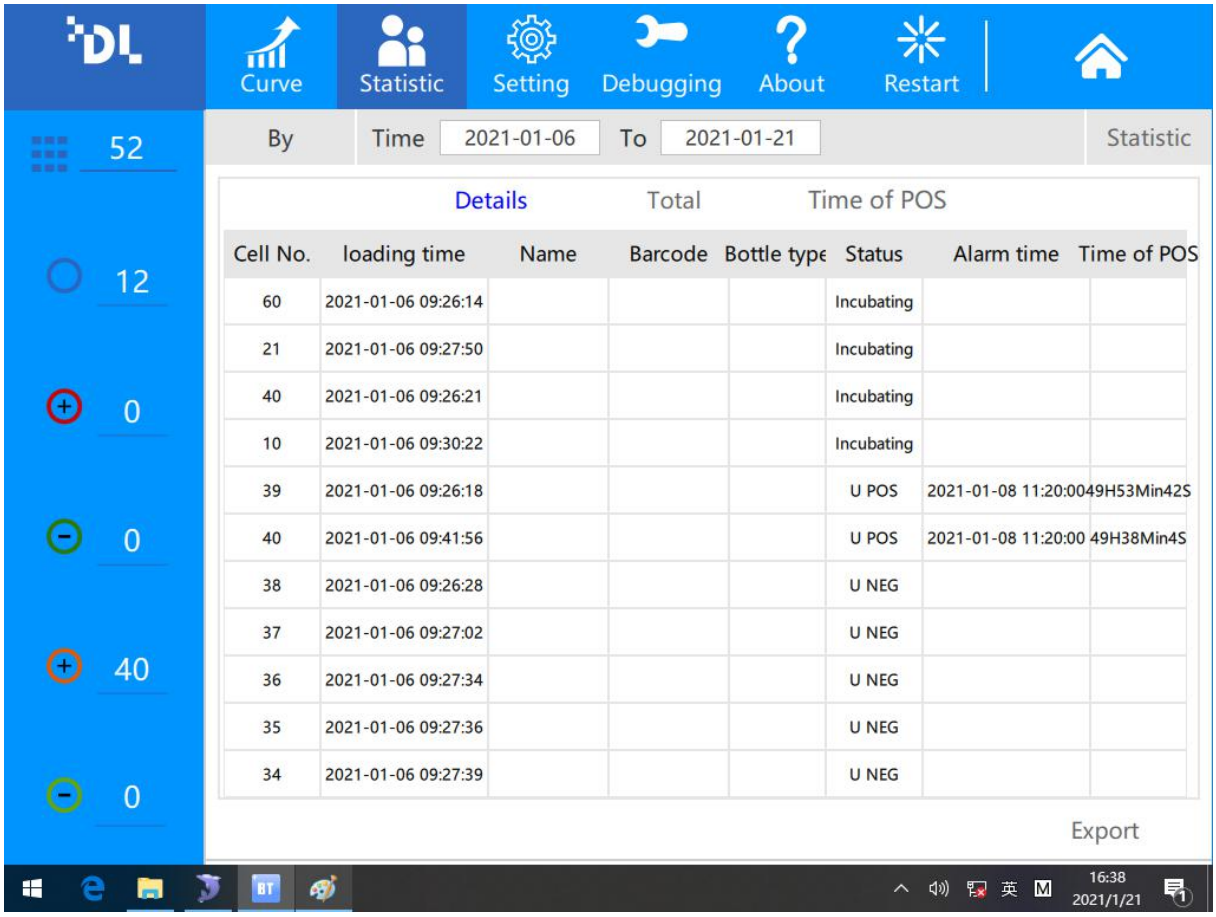
Barcode:123456	Cell No.:61	Loading time:2020-12-24_12:54:22	Name:	Alarm time:2020-12-24 22:10:00	Time of POS:9H15Min38S
Date	Time	value of number			
2020-12-24	13:00:00	146			
2020-12-24	13:10:00	148			
2020-12-24	13:20:00	146			
2020-12-24	13:30:00	144			
2020-12-24	13:40:00	146			
2020-12-24	13:50:00	144			
2020-12-24	14:00:00	146			
2020-12-24	14:10:00	146			
2020-12-24	14:20:00	144			
2020-12-24	14:30:00	146			
2020-12-24	14:40:00	144			
2020-12-24	14:50:00	144			
2020-12-24	15:00:00	144			
2020-12-24	15:10:00	146			
2020-12-24	15:20:00	144			
2020-12-24	15:30:00	144			
2020-12-24	15:40:00	144			
2020-12-24	15:50:00	146			
2020-12-24	16:00:00	144			
2020-12-24	16:10:00	146			
2020-12-24	16:20:00	146			
2020-12-24	16:30:00	146			
2020-12-24	16:40:00	146			
2020-12-24	16:50:00	146			
2020-12-24	17:00:00	146			

Pic. 8

4.2.6. Statistics

Click “Statistics” menu to view the statistics data, as in Pic. 9.

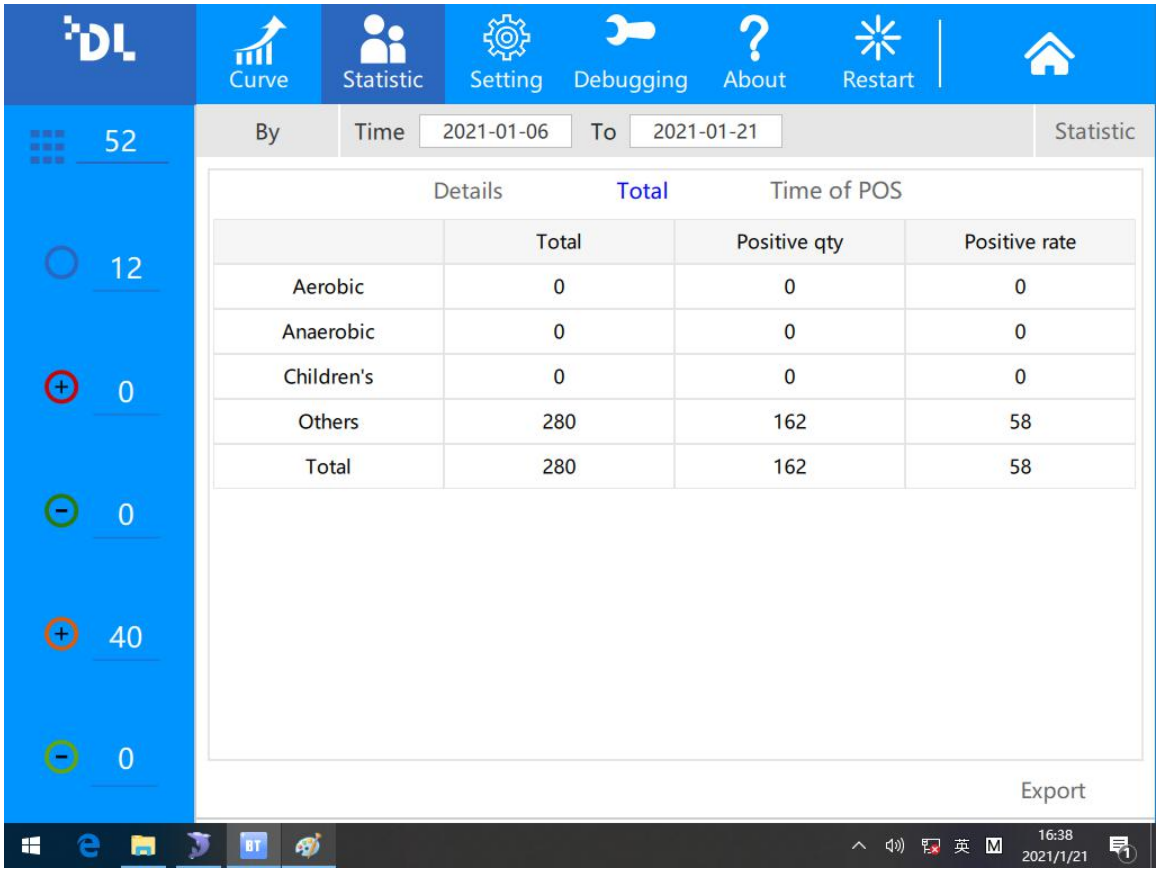
Click “Details”, it presents the information of the cells with loading time, name, barcode, bottle type, status, alarm time, and time length of positive sample.



Cell No.	loading time	Name	Barcode	Bottle type	Status	Alarm time	Time of POS
60	2021-01-06 09:26:14				Incubating		
21	2021-01-06 09:27:50				Incubating		
40	2021-01-06 09:26:21				Incubating		
10	2021-01-06 09:30:22				Incubating		
39	2021-01-06 09:26:18				U POS	2021-01-08 11:20:00	49H53Min42S
40	2021-01-06 09:41:56				U POS	2021-01-08 11:20:00	49H38Min4S
38	2021-01-06 09:26:28				U NEG		
37	2021-01-06 09:27:02				U NEG		
36	2021-01-06 09:27:34				U NEG		
35	2021-01-06 09:27:36				U NEG		
34	2021-01-06 09:27:39				U NEG		

Pic. 9

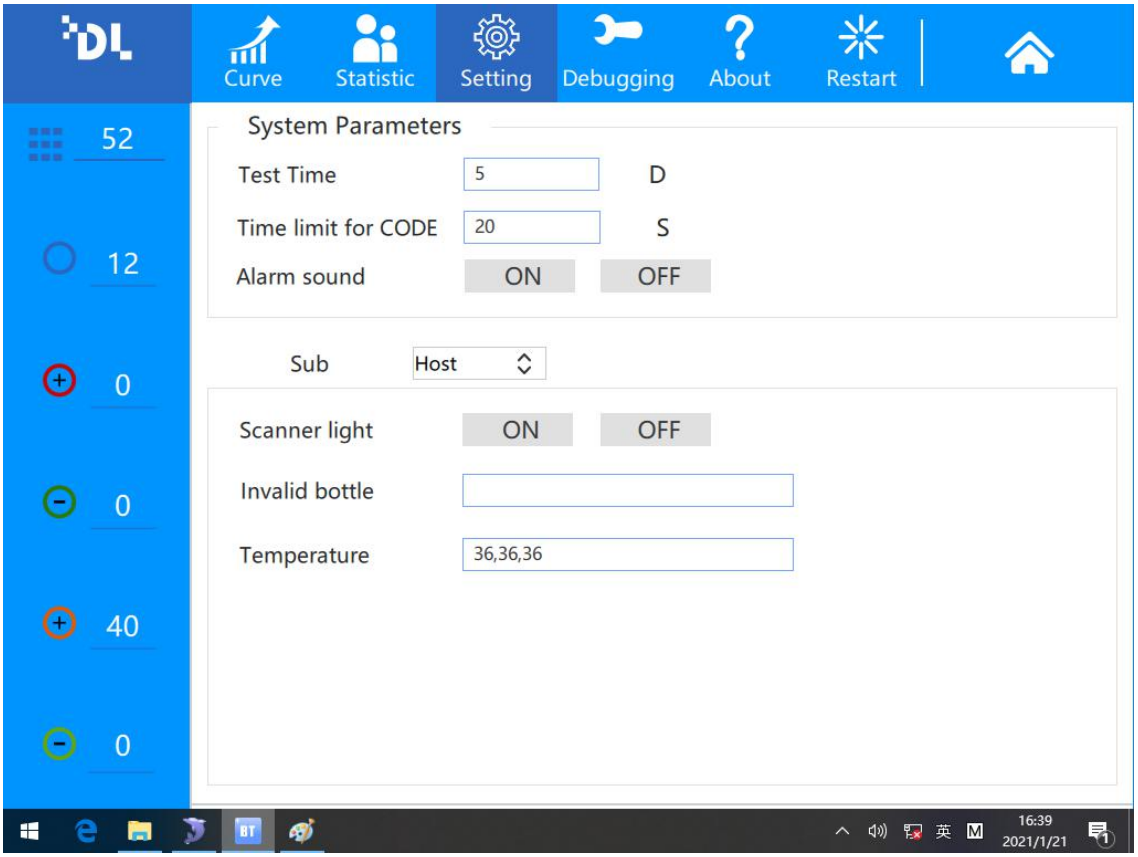
Click “ Total”, it presents the total name of positive or negative samples during selected period.



Pic. 10

4.2.7. Setting

Click on “Setting”, Pic. 11 will show up.



Pic. 11

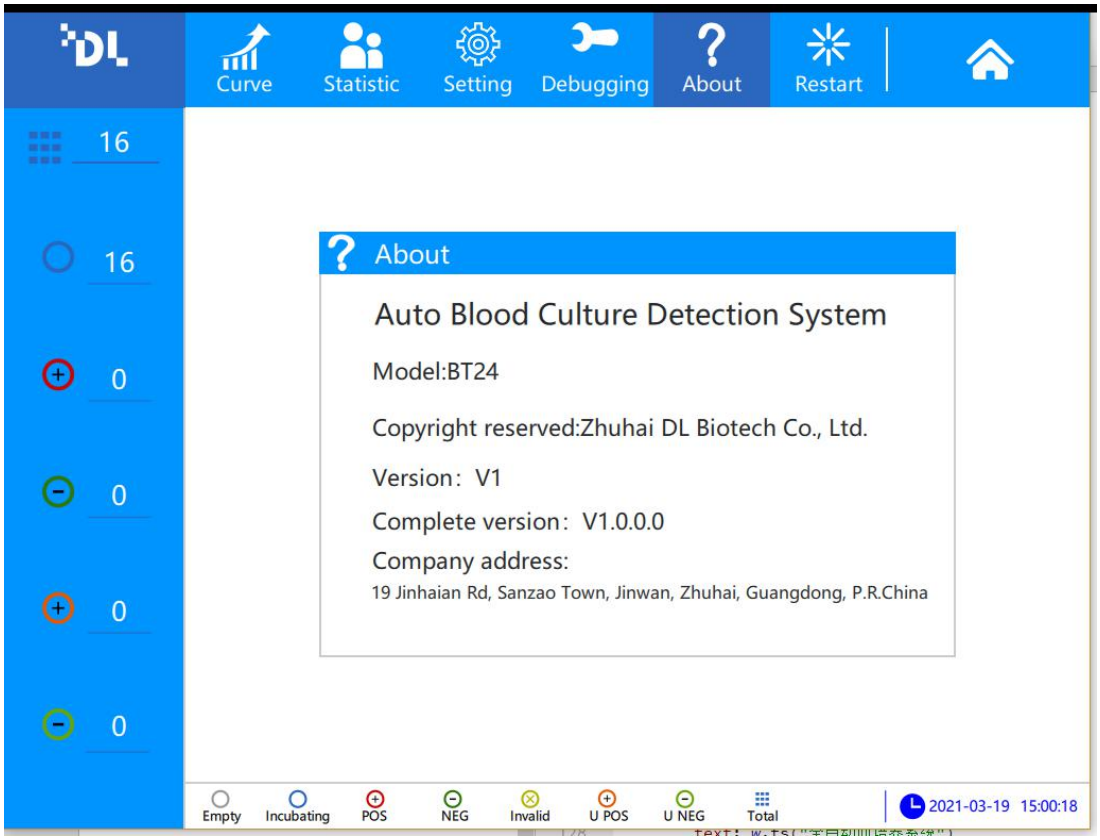
It presents the system parameter setting, such as test time, time limit for CODE, alarm sound, scanner light setting, invalid cell, Temperature.

Phrases Explanation:

- Test Time ------ To set the maximum test time (day). The system default is 5 days. Users are allowed to set the time freely.
- Time limit for CODE ------ To set the maximum time of scanning the barcode when take out the anonymous bottle.
- Alarm sound ------ To set the alarm sound.
- Unit ------ To select which unit to be set.
- Scanner light ------ To set the light of the scanner.
- Invalid cell ------ To set the dis-functional cells.
- Temperature ------ To set the detection rack heating temperature.

4.2.8. About

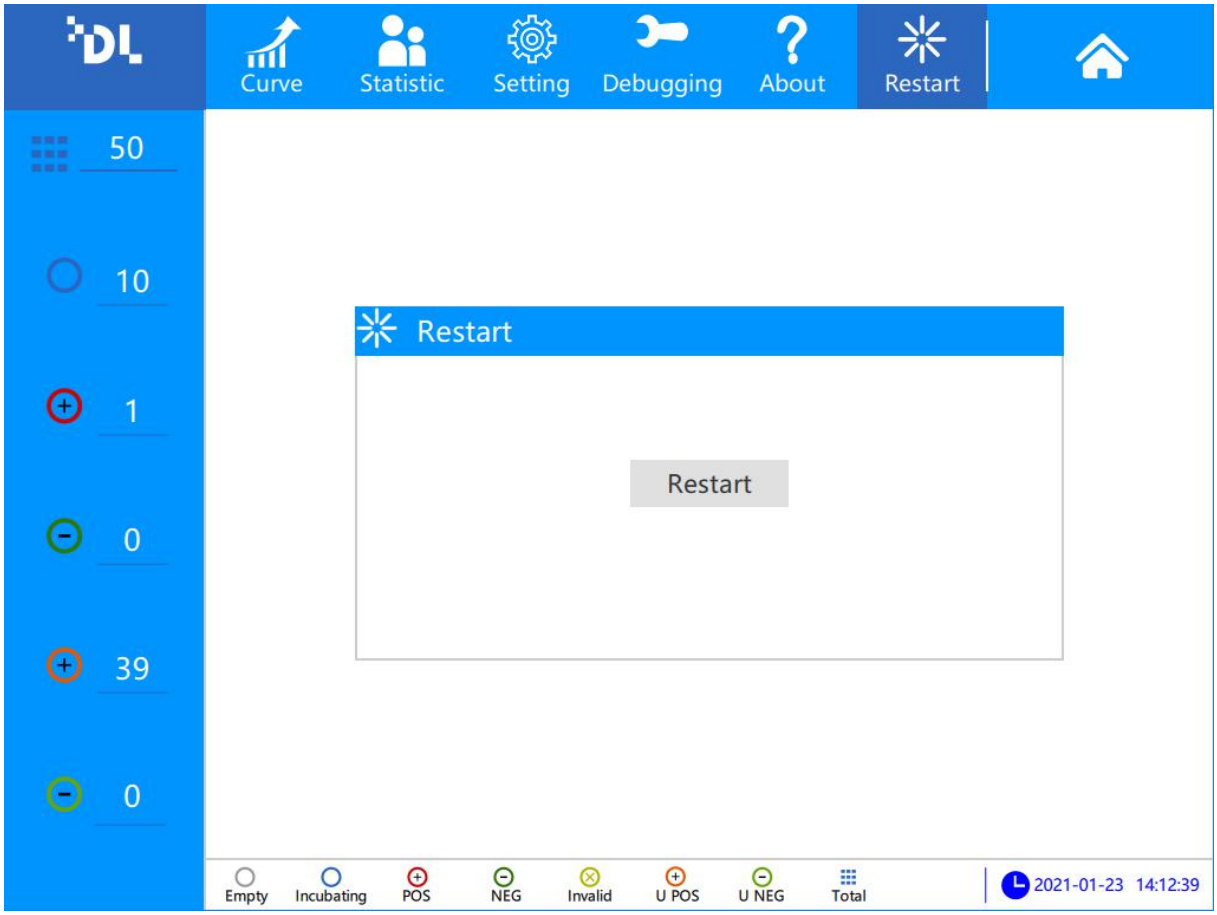
- Click “About” to view the version of current system, it indicates the information about the software: the version, time, property, website link, address of the producer, as in Pic. 13.



Pic. 13

4.2.9. Restart

Click on “Restart”, to choose to reboot the program, as shows in Pic.14 (Data will be saved every 10 minutes. When the incubation period is less than 10 minutes, there is no data in the system).



Pic. 14

【Attention & requirements】

1. Please read this instruction before using the instrument.
2. The installation environment should be clean and anti-dust at the temperature below 35℃, avoiding that the air conditioner blows directly the instrument. Power supply should be stable. 1000VA is preferred.
3. Please inspect the blood culture bottle before using it. If broken, please stop using. Otherwise, it may damage the instrument.
4. The instrument screen is touchpad. Please don’t use sharp objects to touch the screen. If touch screen function is lost, users can operate it with a mouse.
5. If the instrument fails, please record the information on the display, and notify the relevant engineering and technical personnel.
6. Used blood cultures should be dealt with well in order to prevent biological contamination.
7. This product should be used by qualified health care workers in the medical facilities.

【Contraindications】 None.

5 Maintenance And Troubleshooting

5.1. General maintenance

Wipe the instrument with a wet towel, then dry it with clean towel.

5.2. Clean leaky culture bottles

5.2.1 Surface disinfection

Immediately disinfect the bottle surface with disinfectant(containing 5% chlorine) diluted by 20 times. Let the surface and bleach liquid fuse for 15-30 minutes, then wipe it with a wet towel. At last dry it with clean towel.

5.2.2 Disinfection inside the instrument

First, check the inside situation. If the incubation unit is contaminated, take the leaky bottles out of the instrument immediately. If the shelf is contaminated, uninstall it and immediately disinfect the bottle surface with disinfectant(containing 5% chlorine) diluted by 20 times. Let the surface and bleach liquid fuse for 15-30 minutes, then wipe it with a wet towel. At last dry it with clean towel.

5.3. If the bottle holder need cleaning, please follow bellowing steps:

1. Insert absorbent material (such as gauze) in the cell to suck liquid. Then throw material into the biological waste drum to prevent biological contamination.

2. Use gauze to clean the inner wall of the cell with 10% bleach. Then throw it into the biological waste drum.

3. Insert several layers of gauze, which has been immersed in10% bleach, into the cell for 15-30 minutes' disinfection.

4. Then throw the gauze into the biological waste drum.

5. Use another gauze moistened with distilled water to scrub the inner wall of the cell

6. Uninstall the holder and dry itself in the air.

7 .If the holder is disable, please mark it and notify the relevant engineering and technical personnel.

5.4 Error message and Troubleshooting Table

Theme	Description and Error Messages	Recovery procedure
Power	There is no power to the system when the power switch is turned ON.	1．Check the electrical outlet and the power cord connection. 2．Check the fuses by disconnecting the power cord from the power entry module, then open the fuse cover. 3．For continued protection, replace only with fuses of the type and rating indicated on the rear panel of the instrument. Check the power cord plug to see if it is short-circuit.
	The power switch light is twinkling or out.	1. Check the light and its welding connection. 2. Check the power outlet and the power cord connection 3. Check the fuses by disconnecting the power cord from the power entry module, then open the fuse cover. 4. For continued protection, replace only with fuses of the type and rating indicated on the rear panel of the instrument. 5. If the problem persists, please contact your DL representative.

	The start button light is abnormal	1. Check the light and its welding connection. 2. Check the voltage between the light and main board is DL5V or not. 3. Check the light circuit. 4. If the problem persists, please contact your DL representative.
	The start button cannot start the instrument.	1. Check the button and its welding connection and its power connection. 2. Check the main board and replace it if it's broken down. 3. Use a multi meter to check the circuit of main board. 4. If the problem persists, please contact your DL representative.
	Utility source leakage protection switch trips	1. Check the electrical grounding of the instrument; Disconnect the power and check if the resistance is over 5M between L,N and G. 2. Check if the instrument is short circuit inside. 3. If the problem persists, please contact your DL representative.
Incubation and detection module	The screen presents communication failure.	Remove the adapter plate and check the data line connection between detection rack and the incubator. If the problem persists, please contact your DL representative.
	The screen presents the temperature is abnormal.	1. Remove the back cover and check the temperature controller setting. 2. Check the solid relay of the temperature controller 3. Check the heater circuit. 4. Check the temperature sensor connection. 5. Check the fan is running or not. 6. If the problem persists, please contact your DL representative.
	The screen cannot present the data of temperature.	1. Check if the temperature controller is broken down or not; 2. Remove the adapter plate and check the data line connection between detection rack and the incubator. 3. If the parts are broken, please contact your DL representative.
Light	Door light out	1. There may be no positive or negative bottles inside. 2. Check the door light circuit. 3. Check the door light. 4. If the parts are broken, please contact your DL representative.
	Door light gives wrong color.	1. Check the door light circuit. 2. Check the door light communication line. 3. If the parts are broken, please contact your DL representative.
	Cell detection light is not working	1. Check if the communication lines between detection board and incubation are loosened. 2. Check the detection lights 3. If the parts are broken, please contact your DL representative.
	Cell indicator light is not working	1. Use a new inoculated bottle to check the cell. 2. Check the cell indicator light. 3. Check the PCB board welding. 4. If the problem persists, please contact your DL representative.

Motor	detection rack is not moving while incubating.	1. Remove the back cover and check the motor. 2. Check the solid relay and the circuit of the motor. 3. If the parts are broken, please contact your DL representative.
	detection rack won't stop swinging all the time.	1. Check the circuit of braking of the motor; 2. Check the solid relay of the motor. 3. Check the position switch of the motor. 4. If the parts are broken, please contact your DL representative.
	The swinging speed of the rack is abnormal.	Check the speed controller. It should be 8-10 round/min. And use the hot-melt glue to fix the handle. If the problem persists, please contact your DL representative.
	Motor makes big noise.	1. Check where the noise comes from. 2. If from the rotation gear area, re-install rotation gear; 3. If the problem persists and noise comes from the motor,please contact your DL representative.
Fan	The fan sounds weird or is not working	Check the fan and clean it. If the problem persists, please contact your DL representative.
Touch screen	No display. Turns all blank	1.(a) Switch the system OFF. (b)Wait 10 to 20 seconds. (c)Switch power ON again. 2. Check the electrical outlet and the power cord connection. 3. Check all the wiring connected to the display. 4. If the problem persists, it might be the display internal problem, please contact your DL representative.
	Screen touch function failure. Such as, the arrow won't follow the touch.	1. Check the communication line between the display and main board. Re-connect it if necessary. 2. Calibrate the screen. 3. If the problem persists, it might be the display internal problem, please contact your DL representative.
Mouse and keyboard	Not working	1. Check the connection. 2. Clean the mouse and keyboard with soft cloth.. 3. If the problem persists, it might be the display internal problem, please contact your DL representative.
Bar-code scanner	Unable to scan the bar code.	1. Check the connection with instrument. Re-connect it if necessary. 2. Clean the scanner with soft cloth. 3. If the problem persists, it might be the "reset barcode" problem, please contact your DL representative.
Software	1. Give no report, if it excesses maximum incubation time. 2. The system halted. 3. Not showing bottle number, after	1. Switch the system OFF. 2. Wait 10 to 20 seconds. 3. Switch power ON again. If the problem persists, it might be the software problem. The software may need to be re-installed or upgraded. please contact your DL representative.

	scanning the barcode. 4. Keep presenting wrong warning.	
	1. Cell data reading error. 2. No bottle in the cell. But the cell still presents loaded. 3. When running the instrument, the screen keeps warning there is a bottle unloading.	1. Check if there was a bottle unloaded before. 2. (a) Switch the system OFF. (b)Wait 10 to 20 seconds. (c)Switch power ON again. If the problem persists, it might be the software or the PCB board problem. The cell may need to be calibrated. please contact your DL representative.
	The screen flashes light to report positive or negative. But no sound warning.	Check the software setting if the sound is open. (a)Switch the system OFF. (b)Wait 10 to 20 seconds. (c)Switch power ON again. Check the buzzer. If the problem persists, it might be the buzzer problem. please contact your DL representative.
	Dark screen, blur screen	1. Switch the system OFF. 2. Wait 10 to 20 seconds. 3. Switch power ON again. If the problem persists, it might be the screen driver or main board problem, please contact your DL representative.
USB socket	The USB sockets are not working	Reconnect the lines which using the USB socket. Use another mouse or scanner to check the USB socket. Check the mainboard. If the problem persists, it might be the screen driver or main board problem, please contact your DL representative.

6 After-Sales Service

6.1. Warranty explanation

1. If any failures, caused by material or manufacturing, happen within 1 month since the delivery date, DL is responsible to replace it with a new instrument and take care of all the delivery expense.

2. If any failures, caused by material or manufacturing, happen within 12 months since the delivery date, the manufacturer provides with free spare parts. Customers bear the cost of freight back to repair department, while DL bear the freight charge of delivery back to customer.

3 . When the warranty is expired, DL only charges for favorable price of spare parts.

6.2. Warranty range

This warranty did not cover unexpected use, the use in the environment which does not meet the requirements, and the damage from unauthorized repair or refit.

7 Delivery & Storage

7.1. The instrument is fixed tight in the carton, anti-rain, anti-moisture and anti-shock. During the delivery, it is not allowed to shake fiercely and collide, which may seriously damage the instrument.

7.2. If the instrument is not used for a long period of time, it should be packed, anti-rain, anti-moisture and anti-shock. And it should be stored at the temperature -10℃～40℃, in the ventilated indoor with relative humidity≤80% and no corrosive gases.

【Manufacturing Enterprise】

Company Name: China Care Medical Equipment Co.,Ltd

Tel： +86-13926480041 **E-mail：** info@chinacaremedical.com

Website： www.chinacaremedical.com www.hospitalequipment.cn

EC REP

Version: Apr.26.2021