



SCREEN[®]
IFA ANALYZER

**Fluorescence
Immunoassay
Analyzer**

USER MANUAL

REF: SC-1491

SCREEN[®]



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1.1 Intended Use

Screen IFA Fluorescence Immunoassay Analyzer is an analyzer based on detection of fluorescence emitted during an immunoassay with antigen-antibody interaction. Fluorescence Immunoassay Analyzer offers the advantages of high accuracy, good stability and fast results. Screen Fluorescence Immunoassay Analyzer should be used only with *in vitro diagnostic* tests manufactured by Screen Italia Srl as per package insert provided with specific test kits used. Fluorescence Immunoassay Analyzer is not expected to provide accurate results, even if products manufactured by other companies are claimed to be based on the same technology.

For professional use and use at Point of Care only.

Please read this user manual carefully before operation.

1.2 Scope of Application

Fluorescence Immunoassay Analyzer works with certain fluorescent reagents. It's for *in vitro* diagnosis professional and Point of Care Use. It may be used in central laboratories of medical institutions, outpatient or emergency departments, clinical departments or medical services (such as community health centers), or medical center, etc. It can also be used in research laboratories.

1.3 Product Name

- **Product name: Screen IFA Analyzer Fluorescence Immunoassay Analyzer**

1.4 Software Description

1.4.1 Versions

Hardware Version: V1.0

Software Version: V1.0

1.4.2 Software Installation and Operation Environment

Fluorescence Immunoassay Analyzer can be connected to a standalone computer or Laboratory Management System. Minimum Hardware and Software requirements are as follows.

- Minimum hardware requirements: Intel Pentium IV 1.0 GB processor, 1.0 GB memory, 10 GB space on hard drive
- Minimum Software requirements:
Microsoft Windows XP or Windows 7

Microsoft Excel 2007 or newer versions.

2.1 Standard Equipment List

Packing List

No.	Description	Model	Quantity
1	Fluorescence Immunoassay Analyzer	AFR-200	1
2	Power Adapter	DJ-U48s-12	1
3	USB 2.0 to RS232 Cable	/	1
4	QC ID Card	/	1
5	QC Standard Cassette	/	1
6	Print Paper Roll	57mm*20mm	1
7	User Manual	/	1
8	Barcode Scanner	/	Optional

On receiving the box, please check the contents with this list and ensure that all the items mentioned in the list (2.1) are inside. Barcode Scanner is an optional accessory, which is available only against specific requirement and not as standard accessory.

Note: If some parts are missing or damaged, please contact with our local sales representatives.

2.2 Fluorescence Immunoassay Analyzer

2.2.1 External View

Fluorescence Immunoassay Analyzer Front View (Ref Fig 1)



Fig 1

Back Side Structure (Ref Fig 2)



Fig 2

2.2.2 Power Adapter (Ref Fig 3)



Fig 3

2.2.3 USB 2.0 to RS232 Cable (Ref Fig 4)



Fig 4

2.2.4 QC Card (Ref Fig 5)

QC ID card and QC Standard Cassette provided with the analyzer to be used for the quality control of the analyzer. (Ref Fig 5)

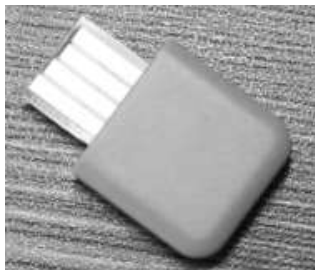


Fig 5



2.3 Technical Specification

• Principle	Fluorescence Immunoassay
• Test formats	Cassette
• Measurement	Quantitative, Qualitative
• Read Time	< 10 seconds
• Test Time	Ref: Analytes
• Specimen	Ref: Package Insert
• Power Source	DC 12V
• Dimensions	280 mm (Length) × 240 mm (Width) × 130 mm (Height)
• Display Dimensions	7 inch
• Weight	< 2.5kg
• OS	Linux-based, Windows-Compatible program
• Excitation light source	LED
• Spectrum	Excitation spectrum: Mean wavelength $\lambda_0=365\text{nm}$ Reception spectrum: Mean wavelength $\lambda_1=610\text{nm}$
• Connecting Ports	RS232 Port-1, USB Port – 4, LAN Port -1
• Memory	8000
• Storage Conditions	-10°C to 40°C, relative humidity: 20% to 90%, atmospheric pressure: 86 to 106 kPa; and in a ventilated environment free of corrosive gases. Measures should be taken to avoid moisture, and prevent impact and severe vibration during transport.
• Operating Conditions	4-30°C
• Printer	Built-in thermal printer
• Repeatability	CV≤10%
• Stability	CV≤10%

3.1 Checklist upon Opening the Box

3.1.1 Check Before Opening the Box:

Before opening the box, check the packaging is in good condition and box was not damaged during transportation.

3.1.2 Check After Opening the Box:

- ① Open the box carefully, check the contents according to **2.1 Standard Equipment List** to ensure it is complete.
- ② Examine the analyzer power adapter to see whether it is in good condition. If any defects are found, please contact with the manufacturer or your local distributor.

Note-1: Please keep the analyzer's original box and packing materials for any future shipping/reference purpose.

Note-2: Screen Italia Srl strives to provide the right kind of power plug suitable for each country. However, in some cases, it may not be possible. Use of right kind of adapter to connect to power is recommended in such cases.

3.2 Environmental Requirement

- Surrounding temperature: 4~30°C;
- Relative Humidity : 20% to 90% RH ;

Avoid strong magnetic field, vibration, shock, corrosive gas, direct sunlight, high humidity, and high temperature in work area, where the analyzer is placed for operation.

3.3 Placement

- ① The analyzer should be placed on a stable and level countertop, and in an indoor environment free of dust, direct sunlight or corrosive gases. The countertop must be able to sustain a weight of 2.5kg.
- ② No strong vibration source and strong electromagnetic fields around.
- ③ The analyzer should be placed in a well-ventilated place. There should be at least 10cm space around the analyzer to ensure the necessary space for operation and maintenance.

3.4 Power Supply Voltage Requirements



The power supply of the analyzer varies between 100-240V / 50/60Hz AC depending on countries where the analyzer is used. The input voltage is 12V DC. The power is 36W. Avoid short circuit and electric shock during the use. The analyzer is grounded through power adapter.

Chapter 4 – ANALYZER INSTALLATION

Please use the analyzer under the proper conditions mentioned in **3.2 Environmental Requirement**.

- 1 Place the Fluorescent Immunoassay Analyzer on a stable platform.
- 2 Loading paper:
Open the cover of the printer, place the printing paper into the printer, pull out approximate 5cm of paper from the roll, then close the cover of the printer. (Ref Fig 6)



Fig 6

Note: Heat sensitive paper must be placed flat and straight to avoid slanted printing or paper roll jamming the printer.

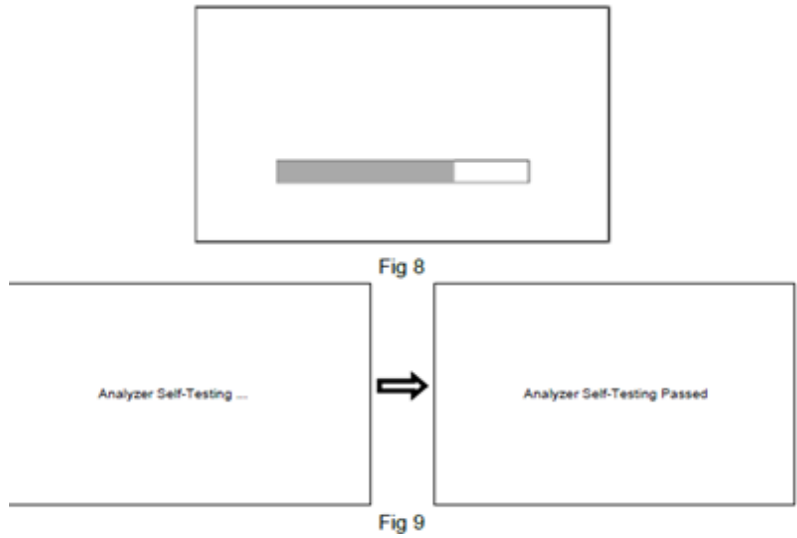
- 1 Connect the power supply adapter with the power supply interface of the Fluorescent Immunoassay Analyzer. (Ref Fig 7).



Fig 7

- 2 Turn on the power switch to start the analyzer

Connect power with Analyzer through the DC adapter, press the power switch to start the analyzer. The analyzer will initialize (Ref Fig 8) and the Self-testing will run automatically, if the self-testing passes, display will show up as Ref Fig 9.



If the self-testing fails, a Failed Screen will be displayed. The analyzer cannot be operated. Turn off the power and then re-test. If the Failed result repeatedly shows up few times, do not use the analyzer, contact with your local distributor or manufacturer. After initializing, touch the screen and the Auto Login interface will be shown as in Fig 10. Select the username, fill in the password (original password is 666666), click “Login” to enter the main operation interface as Fig 11.



Fig 10

Note: the setting of login can be referred to “Account” in 5.1.2.



Fig 11

In the main operation interface, where you can choose different modes, such as **Single Test**, **Batch Test**, or **Test Items**, or **History** and **Settings**.

5.1 Settings

Click **“Settings”** to access setting interface. (Ref Fig 12)

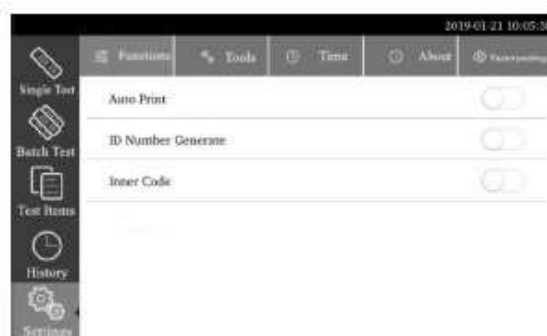





Fig 12

5.1.1 Functions setup

Click **“Functions”** to access the following interface. (Ref Fig 13) Click the icon  by the side of any command to witch on position  to enable the command or to switch off position  to disable the command.

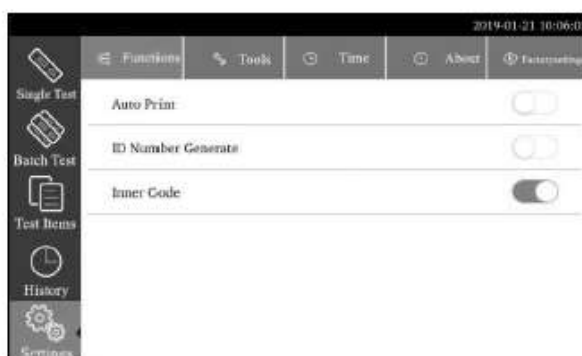



Fig 13


- **Auto Print:**

 The result will be printed automatically after testing.


 The result will not be printed automatically after testing.


- **Automatic generation of ID number:**

 ID number will be generated automatically according to the data encoding.

 ID number should be keyed in manually.

- **Start the inner barcode:**

 Barcode information on the test cassette will be scanned to identify the analyte information and batch number.

 Scanning the barcode is disabled.

5.1.2 Tools

Click “Tools” to access the interface. (Ref Fig 14) The main tools include: Update, Backlight, QC Test, Port Set, Manager, Language, Net Set, Account and Export.

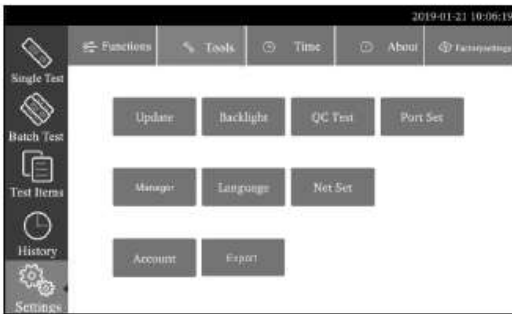


Fig 14

- **Update**

Click “Update” to enter the interface. (Ref Fig 15)

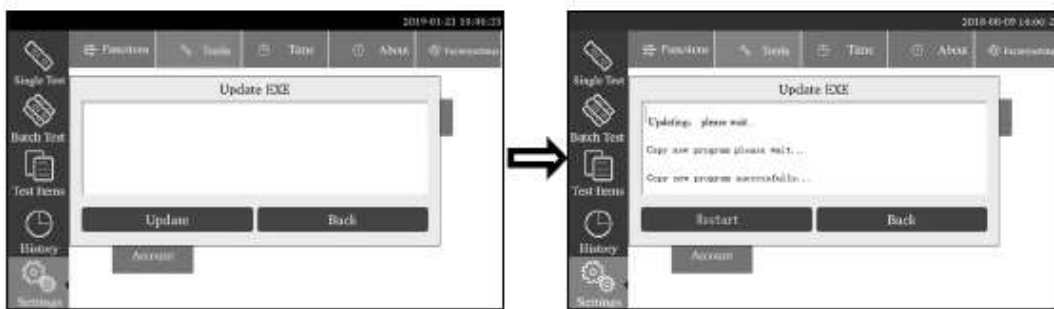


Fig 15

You can select net update or USB flash disk update. Click **Update** to copy the program update package to an external Flash drive and insert it into the USB port behind the analyzer. The analyzer obtains the program of a new version from the external flash drive (Such as USB drive) and updates the system. After updating, the analyzer will restart.

- **Backlight adjustment**

Click the “Backlight” tab to adjust the backlight. (Ref Fig 16)

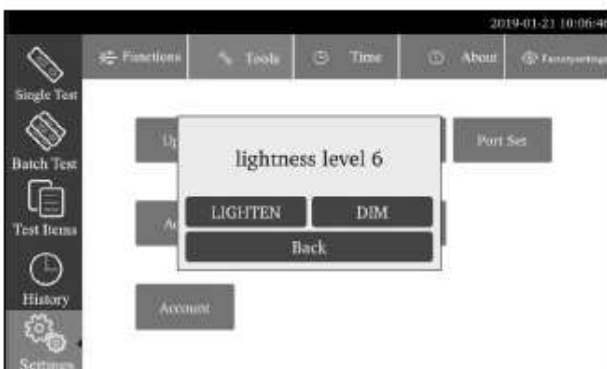


Fig 16

Click **DIM** or **LIGHTEN** to adjust the backlight brightness. Click **Back** to complete the setup and close the dialogue box.

- **Quality Control**

Click the “QC Test” tab to run QC program. (Ref Fig 17)



Fig 17

Insert the QC ID card and the information of QC will be filled in the corresponding frames. (Fig 18) Click “QC Test” to run the test, after few seconds, the test result will be shown as Fig 19

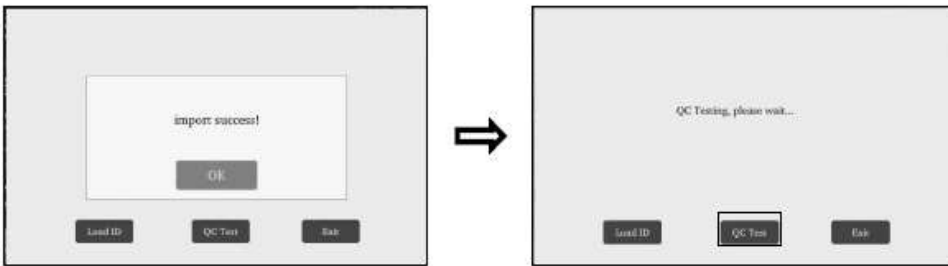


Fig 18

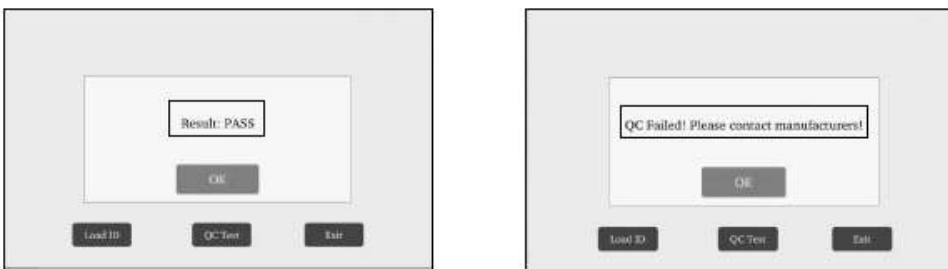


Fig 19

● **Port Set**

Click “**Port Set**” to manage port setting for various purpose, such as LIS connectivity. (Ref Fig 20)

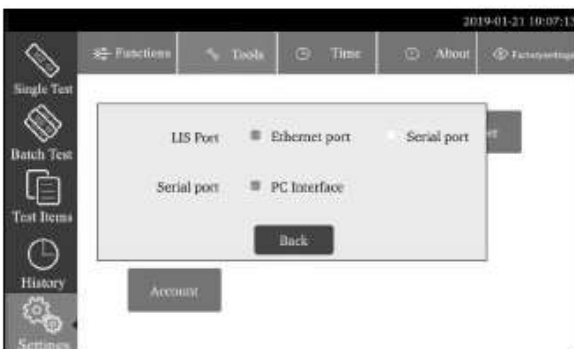


Fig 20

The analyzer can be connected to the LIS by Ethernet port (LAN Port) or the serial port (COM Port), it also can be connected to the PC software with the USB 2.0/ RS232 cable via serial port.

● **Manager**

The manager function is available for professional technicians to commission the machine only and must be used by trained technicians only. Click “Manager” to gain access to following tools: LIS, Import, and Export. Display will appear as Fig 21.



Fig 21

After entering the password, aforementioned functionalities can be accessed.

- **Language**

Click “**Language**” to select the target language. (Ref Fig 22)



Fig 22

- **Net Set**

Click “**Net Set**” to set up the analyzer IP and the server IP. The IP of analyzer would be assigned automatically. (Ref Fig 23) Fill in the information of the Server IP and Server Port. An IT technician’s help may be required. Contact your server administrator for this information.



Fig 23

Note: The analyzer IP setup will come into effect after restarting. So, after setting up IP, please switch off the equipment and restart.

- **Account**

Click “**Account**”, the interface will appear as Fig 24.



Fig 24

i. Procedure for changing the admin password: Click drop-down button in the top of the window and select admin ->click **"Modify Password"**, fill in the original password, new password and confirm password, then click **"OK"**. (Ref Fig 25)

Note: The name as admin cannot be changed.

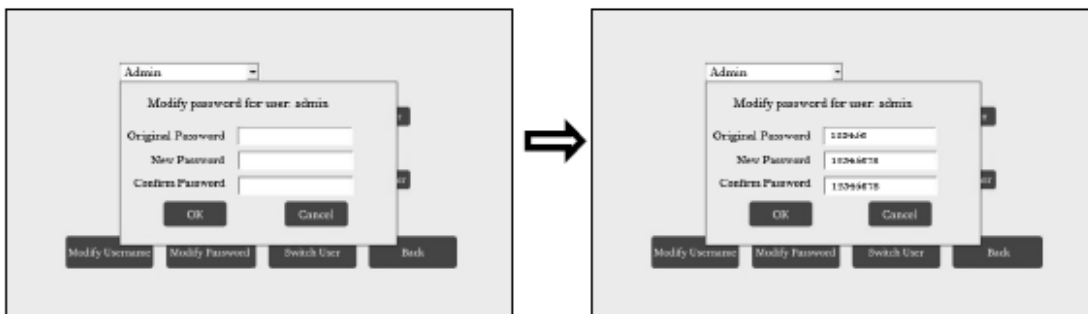


Fig 25

ii. Modify Username: Click **"Modify Username"**, fill in the new name, and then click **"OK"** to complete the setting. (Ref Fig 26)

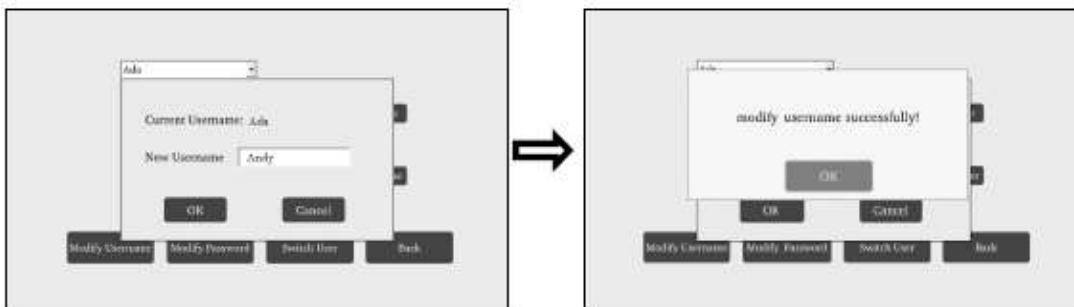


Fig 26

iii. Add New Users: Only admin can add new users. Fill in the User name, password and confirm password in the assigned box, click **"New User"** to save. (Ref Fig 27)



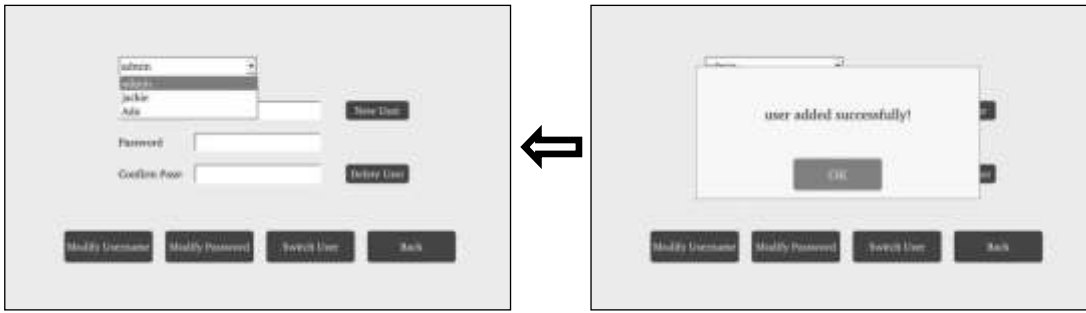


Fig 27

Note: If the password of new user is not set, the user can login the analyzer without the password.

iv. **Switch User:** Click “**Switch User**” to enter Fig 28.



Fig 28

In the interface, you can select the user and fill in the password to login the analyzer. If “**Keep Password**” is selected, the password will be remembered. If “**Auto Login**” is selected, the interface of Login will not displayed when turn on the analyzer.

● **Export**

Click “**Export**” to export the data to U-Disk. (Ref Fig 29)

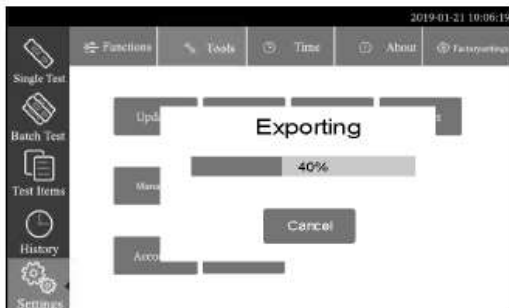


Fig 29

5.1.3 Time setup

Cliccare su “**Time**” per accedere alla funzione (Vedi Fig.30).

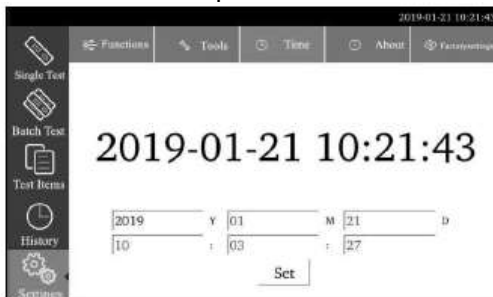


Fig 30

Click corresponding date and time blocks to modify the time. (Ref Fig 31) Click enter menu to save the modification and click “Close” to cancel. After modification, click “Set” to confirm the settings.



Fig 31

5.1.4 About

Click “About” to see the model, version information and serial number of the analyzer. (Fig 32)



Fig 32

5.1.5 Factory Reset

When clicking “Factory Reset”, a dialogue box will appear. (Ref Fig 33) You can clear all data to resume the ex-factory setup.

NOTE: This function will clear all the history and saved data. Therefore, this function must be used in very rare circumstances and any data that needs to be saved should be saved, before going for Factory Reset option.



Fig 33

5.2 History

Click “History” to browse the records of performed tests. (Ref Fig 34) The test records from different users will be stored separately.

SN	Sample ID	Item Name	Concentration	Result	Test Time
1	201901210003	RD	Invalid	Invalid	2019-01-21 10:04:58
2		RD	Invalid	Invalid	2019-01-21 10:11:45
3	201901210001	CEA	19.92	POS.	2019-01-21 10:05:50
4	201901180024	CEA	19.69	POS.	2019-01-18 17:41:07

Fig 34

Click or to browse the test records.

Click to print the selected test result through the built-in printer;

Click to delete a selected test record.

Click to clear all records.

Click to search a particular record, such as an analyte. (Ref Fig 35)

Fig 35



Input time, sample ID, item number information and enter the retrieval field. By clicking the “**Search**” button, you can find corresponding record(s).


5.3 Test Items


Click “**Test Items**” to enter the interface as Fig 36. Select the corresponding item to have test.

SN	Item ID	Batch ID	Item Name	Batch Code
1	3	2	PSA	FPSA18120001
2	2	2	PCT	FPCT8110001
3	5	2	CEA	FCEA18120001

Fig 36

Click “ Previous”, “ Next” to browse the test items saved in the analyzer.

Click “ Delete” to delete the selected test item(s) information.

Click “ Import” to load the standard curve which is in the ID card. Generally, the standard curve will be loaded into the analyzer automatically when the ID card is inserted into the ID card slot.

Note:

1) Each item number and batch number have a unique corresponding examination information data. Setting again will overwrite the original data.

2) When inserting the test ID card to the analyzer, the corresponding test item information will be saved and displayed in this interface.

5.4 Testing Procedures

5.4.1 Single Test

There are two modes for testing in Single Test Mode.

- A. Quick Test Mode:** In this mode, the incubation of the test cassette is done outside the analyzer.
- B. Standard Test Mode:** In this mode, incubation of the test cassette is done inside the analyzer. Once a new test is selected to be performed here and test cassette is loaded after sample addition (and if required buffer addition) in the test cassette slot, nothing more needs to be done. The user can walk away from the analyzer and perform other tasks. The results would be automatically available at the end of the incubation period, when the analyzer reads the results.

Test Procedure

Step 1: Turn on the power switch to start the analyzer.

Step 2: Click “**Single Test**” to switch to the interface as Fig 37.

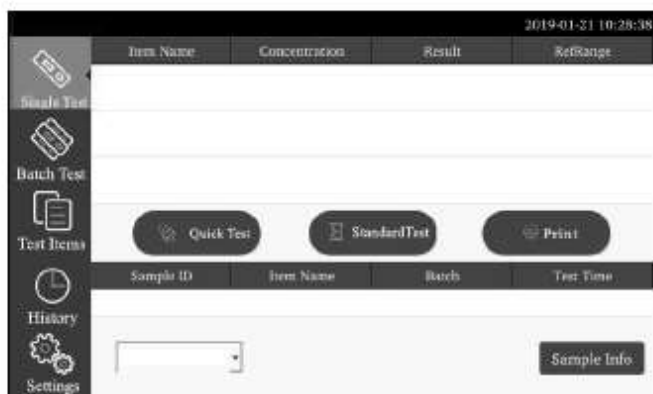


Fig 37

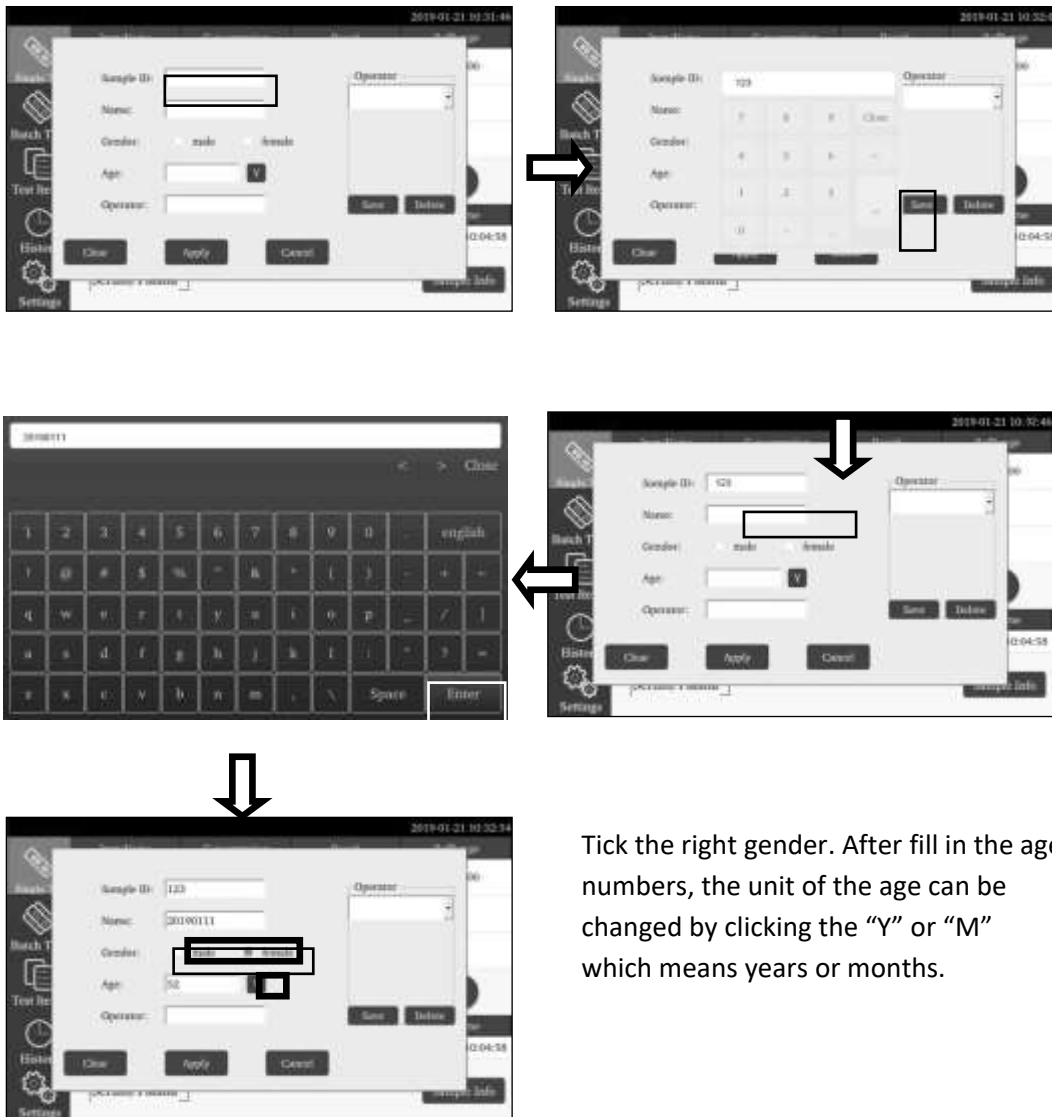
Step 3: Insert the ID card of the analyte (Must be from Test Kit from which test cassettes are to be used. Use of ID card from another test kit may lead to erroneous results)

Step 4: Confirm the test item and batch number. Click “**Sample Info**” to fill the information as Fig 38. In this interface, sample ID, patient name, gender, age and operator can be filled or selected.



Fig 38

- Fill the information of sample ID. Click the frame -> key in the information -> apply. (Ref Fig 39)



Tick the right gender. After fill in the age numbers, the unit of the age can be changed by clicking the “Y” or “M” which means years or months.

Fig 39

Note: the operator information should be added to the assigned dialog box on the right side, The test can be performed without sample information. So in cases of emergency, if there is no time to assign the sample information, this step can be omitted. Nevertheless, as part of good laboratory practice, assigning sample information is highly recommended.

- Add and change the operator information (Ref Fig 40):



Fig 40

Step 5: After confirming all the relevant information, start the test.

- **Quick Test Mode**



Insert test cassette into the slot **at reading time** (add samples according to the package insert of the test and place the test cassette on a clean and flat surface by the side of the analyzer for the incubation time mentioned in the package insert), click  Quick Test to start testing, test will begin immediately and after a few seconds the test result will be shown. (Ref Fig 41)



Fig 41

- **Standard Test Mode**

Insert test cassette into the slot immediately after sample application (add samples according to the package insert of the test), click  Standard Test to start Standard Test Mode. The analyzer will start to count down for incubation. Please wait for the pre-determined incubation time for each test. (Ref Fig 42) After incubation, the analyzer will start testing automatically.

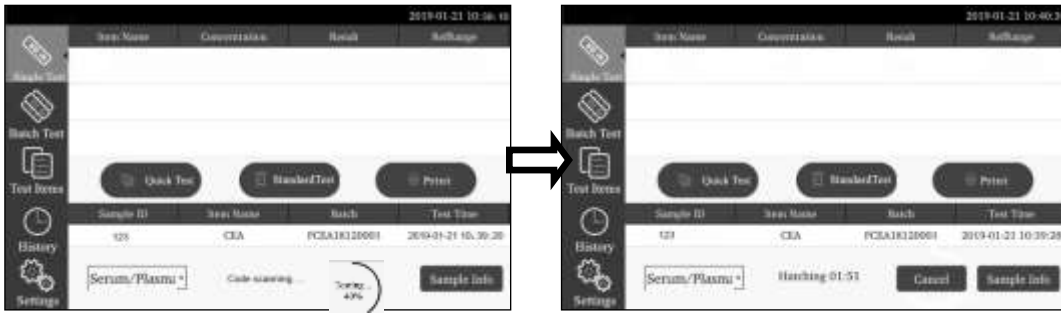


Fig 42

Step 6: The results will be displayed in the lower middle of the screen when testing is completed. (Ref Fig 43)

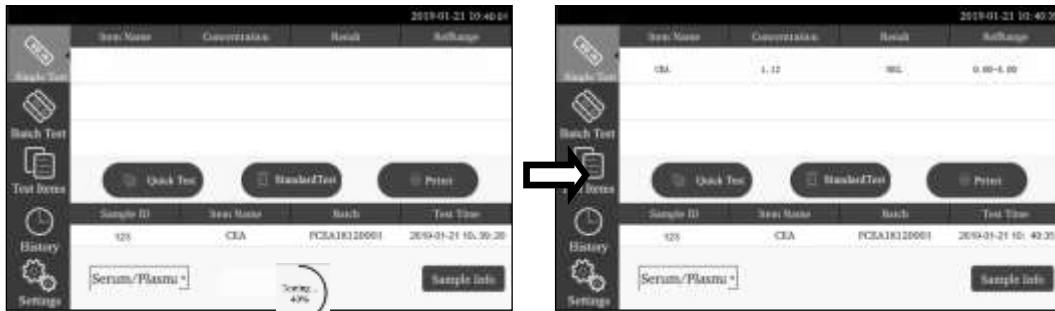


Fig 43

Step 7: Print the result.


If Auto-print is on, the results will be printed automatically after each test (please refer to **5.1.1 Functions setup** for printer setting), or you can also click  in the interface to print test result also. (Ref Fig 44)



Fig 44

5.4.2 Batch Test

This test mode is recommended for laboratory use. This Mode is suitable, when more than one test is to be performed as incubation time can be utilized for another test too.

The procedure for the batch test follows as below:

Add the test ID which need to be tested -> Add specimen to begin incubation -> Count Down for test -> Insert the cassette which has finished the incubation -> Start the test -> Take out the cassette -> Repeat

Click "**Batch Test**" to switch to the interface. (Ref Fig 45)



Fig 45

Step 1: Add Samples.

Click **Add Sample** to add the Sample IDs of all tests to be tested. The sample ID will be generated automatically if the ID number generate function (Ref **5.2.1**) is enabled. Otherwise, the IDs should be keyed in manually or scanned by scanner.

Step 2: Test application and incubation

Add the specimen to the specimen well of the test cassette and marked with sample ID. Click **“START INCUBATION”** to begin the incubation. The status will change to **“INCUBATING”** and incubation countdown begins.

After 20 seconds the Status of the 2nd test will be ready to **“START INCUBATION”** and then you can add the 2nd specimen to the sample well and click **“START INCUBATION”**. Follow this sequence for rest of the test units.

Step 3: Start test

When incubation time is finished, the status will turn to **“START TEST”**, you need to insert relevant test cassette into the slot and click **“START TEST”**. (Ref Fig 46)

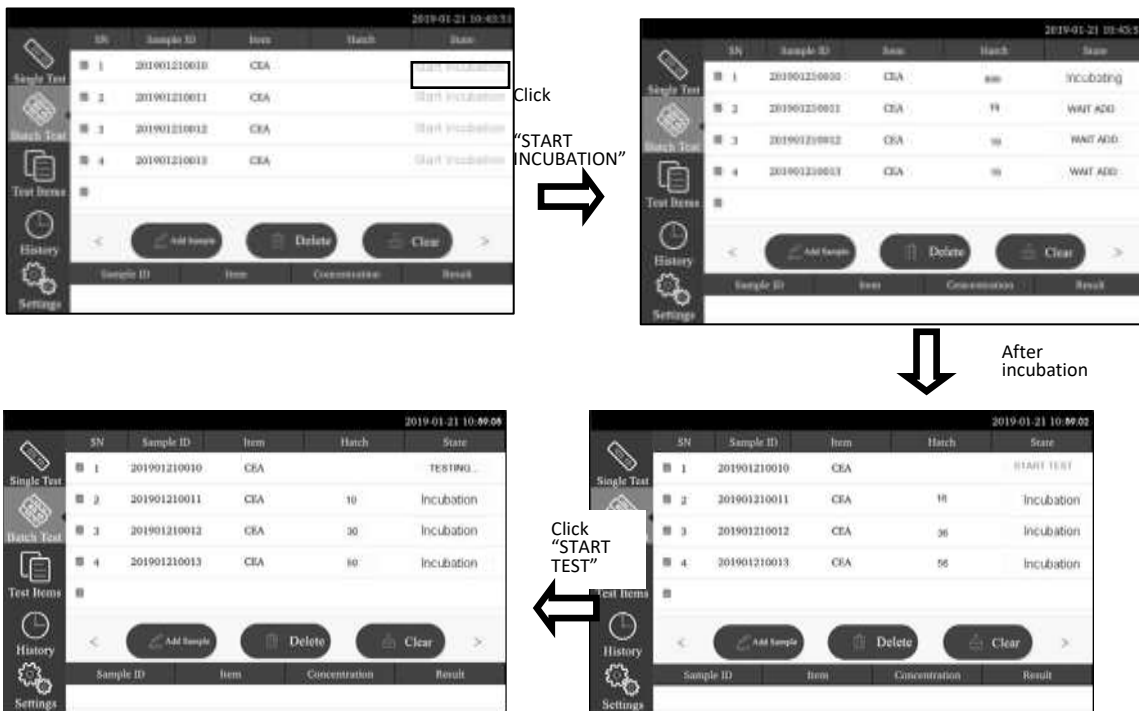


Fig 46

When the testing is finished, the test result will be displayed at the bottom of the screen as Fig 47.



Fig 47

Step 4: Repeat the steps to operate rest of the tests.

You can click “**Delete**” to delete the selected test items, click “**Clear**” to delete all the test items.

Note:

- The “**Batch test**” mode can only be used for the same analyte each time. Analyte cannot be changed. Besides, care should be taken that all the tests in this mode are from the same kit, of which the ID card is used.
- Make sure that there is no test pending in the “**Batch Test**” mode, when the single test is to be operated.

Chapter 6 Maintenance


6.1 General Cleaning

Keep the exterior of the instrument free of dust at all times. If needed, the exterior may be cleaned using a damp cloth. Do not use any type of solvent, oil, grease, silicone spray, or lubrication on any instrument. Please keep the instrument in switch off mode, while cleaning the screen to avoid any wrong command being recorded.

6.2 Maintenance

Basic maintenance is to keep the exterior of the Fluorescence Immunoassay Analyzer clean.

External cleaning and maintenance method: Clean the outer surface of the analyzer with a damp cloth with no more than 70% alcohol. Do not use strong bleach ($\geq 0.5\%$ bleach solution), because oxidizing substances and solvents may damage the analyzer’s parts and touch screen. **Do not clean any internal parts and inner surface.**

 n off the power switch before cleaning! Ensure the power cord is disconnected to avoid the risk of short circuit and electric shock!

6.3 Maintenance plan

Maintenance item	Every week	Every three month	When needed
Dust cleaning	X		
QC position calibration		X	
Replace print paper			When the paper runs out

Chapter 7 – PRECAUTIONS

- i. Do not place the analyzer in a position that is difficult to operate or inconvenient to disconnect.
- ii. Do not insert anything into the test cassette slot except for the test cassette provided by the manufacturer.
- iii. Treat tested samples as potentially contagious and use protective gloves and other protective measures, and avoid skin contact with sample loading port of the test cassette.
- iv. Please dispose the used cassettes according to “Medical Waste Management Regulations” complying to local regulations in force to avoid biohazards.
- v. Use test kits manufactured by Screen Italia Srl and supplied by authorized distributors of Screen Italia Srl only.
- vi. Description of the procedures of data storage and recovery: The analyzer can save the calibration curves related to products and batches provided by the manufacturer, and records of tests by users. The analyzer will automatically save the calibration curves imported from ID cards. The analyzer can save up to 50 projects, and each project has 5 batches of calibration data. The test results will be saved to the analyzer automatically in the form of records during the normal use. The analyzer can save up to 50,000 records. The stored data can be automatically restored after power failure. The data will be cleared when users select “RESET” to return to factory settings or when the user manually clears the data.
- vii. Those using and operating the supporting PC software for the fluorescence immunoassay analyzer need to have relevant knowledge: be familiar with such operating systems as windows XP, windows7 and with the installation of the software installation package in windows XP, windows7.

Chapter 8 – TROUBLESHOOTING GUIDE

When there is no response on clicking the analyzer interface tabs or pressing any key, the program may have crashed. Please restart the analyzer by following the steps below:

- 1) Switch off the power;
- 2) Plug and unplug the power cord again;
- 3) Switch on the analyzer.

Notes to common errors:

1.A user interface error may result in the analyzer being unable to perform the “Testing” function. This will not influence the data backup and transmission function. At this point, you can upload the records backed up to the computer and then return the analyzer to the factory for repairing.

2.The application logic itself errs. The possibility for this error is very low. When it occurs, the testing data this time will be lost. However, the historic data backed up in the analyzer will not be lost. At this point, power off the analyzer and restart the analyzer.

3.The system or network resources cannot be used and the testing function and data backup function of the analyzer itself can be used continually. This may influence the record uploading to the upper computer software. As the system or network resources become stabilized, that function will resume automatically.

Chapter 9 – SERVICE , REPAIR AND DESTROY

Fluorescence Immunoassay Analyzer does not require special maintenance except for keeping it clean and replacing printing paper when needed. If service is required, please contact with the local distributor.




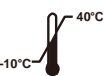










Fluorescence Immunoassay Analyzer's internal parts, including the circuit boards, optical detection modules, display, printer, and one-dimensional bar code scanning module, can only be provided by manufacturer. Such items should not be sourced from any third-party, even if they claim to provide the same function. When issues related to the analyzer or PC software occur, contact the local distributor. We provide technical support for users to perform troubleshooting. If the analyzer needs to be sent back to manufacturer, please contact local distributor and/ or Screen Italia Srl It normally takes about a week to fix problems. If it turns out not repairable within warranty period, we will replace it with a new one. If for any reason the analyzer needs to be disposed off, please follow local regulations.

We provide technical support and software maintenance, including functional maintenance, corrective maintenance, software fixes or upgrade. We are only responsible and provide services when the analyzer is properly used in compliance with the manufacturer's instructions, otherwise any damages incurred will not be covered.

Chapter 10 – MANUFACTURER INFORMATION

Name : **Screen Italia Srl**
 Address: Via dell'Artigianato, 16
 06089 - Torgiano - Perugia - Italia
 Tel: +39 075 388 70 81
 fax: +39 075 630 623 59
 Web: www.screenitalia.it
 Email: info@screenitalia.it

Index of Symbols

	Instruction for use		Test 1 kit		For in vitro diagnostic use only
	Store between -10-40°C		Catalog #		Authorized Representative
	Manufacturer		CE Mark		Keep dry
	Fragile, handle with care		Keep away from sunlight		Protect from heat and radioactive sources
	Caution		Biological risks		

 **SCREEN ITALIA S.r.l.**
 Via dell'Artigianato, 16
 06089 - Torgiano - Perugia – Italia
www.screenitalia.it info@screenitalia.it



Number 146086001
 Effective Date: 28/01/2020

A. Warranty

Please complete the warranty card included in the packaging. Mail it to your local distributor to register your purchase within one year of purchase.

For your records, write the purchase date of your starter kit here:

Note: This warranty applies only to the analyzer in the original purchase. It does not apply to the other materials included with the analyzer.

Screen Italia Srl warrants to the original purchaser that this analyzer will be free from defects in materials and workmanship for a period of one year (12 months).

The one year starts from the later of the date of original purchase or installation (except as noted below). During the stated one year period, **Screen Italia Srl** shall replace the unit under warranty with a reconditioned unit or, at its option, repair at no charge a unit that is found to be defective. **Screen Italia Srl** shall not be responsible for shipping charges incurred in the repair of such an analyzer.

This Warranty is subject to the following exceptions and limitations:

This warranty is limited to repair or replacement due to defects in parts or workmanship. Parts required which were not defective shall be replaced at additional cost. **Screen Italia Srl** shall not be required to make any repairs or replace any parts that are necessitated by abuse, accidents, alteration, misuse, neglect, failure to operate the analyzer in accordance with the operations manual, or maintenance by anyone other than **Screen Italia Srl**.

Furthermore, **Screen Italia Srl** assumes no liability from malfunction or damage to analyzers caused by the use of products other than products manufactured by **Screen Italia Srl**. **Screen Italia Srl** reserves the right to make changes in the design of this analyzer without obligation to incorporate such changes into previously manufactured analyzers.

Disclaimer of Warranties

This warranty is expressly made in lieu of any and all other warranties express or implied (either in fact or by operation of law) including the warranties of merchantability and fitness for use, which are expressly excluded, and is the only warranty given by **Screen Italia Srl**.

Limitations of Liability

In no event shall **Screen Italia Srl** be liable for indirect, special or consequential damages, even if **Screen Italia Srl** has been advised of the possibility of such damages.

For warranty service, please contact your local distributor.

B. Warranty Card

Please complete this warranty card and mail it to your local distributor to register your purchase within one year of purchase.

Purchaser	
Model	
Serial Number	
Date of Purchase	
Address	
Telephone Number	
E-Mail Address	



SCREEN[®]