

Scigiene PC Version Analysis Software Instruction Manual



1295 Morningside Avenue, Unit 16-18
Scarborough, ON M1B 4Z4 Canada
Phone: 416-261-4865 Fax: 416-261-7879
www.scigiene.com

Version Number : 2025-S2

Catalogue

1. Notice for use	1
2. Data Synchronization	1
2.1 Function Introduction	1
2.2 Data Synchronization	2
2.2.1 WIFI connection	2
2.2.2 USB mode	2
3. Detection Result	4
3.1 Function Introduction	4
3.2 Query	5
3.3 Clear	5
3.4 Print	5
3.5 Export	6
3.6 Delete	6
4. Data Statistics	6
4.1 Function Introduction	6
4.2 Query	7
4.3 Clear	7
4.4 Print	7
4.5 Chart Switching	8
5. Device Management	8
5.1 Function Introduction	8
5.2 Query	9
5.3 Delete	9
6. User Management	9
6.1 Function Introduction	9
6.2 Query	10
6.3 User Addition	10
6.4 User Modification	11
6.5 Delete	12
6.6 Login	12
6.6.1 Remember Password	14
6.6.2 Forgot Password	14
7. Detection Point	15
7.1 Function Introduction	15
7.2 Query	16
Enter the name of the detection point and click the "Query" button	16
7.3 Add	16
7.4 Edit	16
7.5 Delete	16
7.6 Clear	16
8. Inspector	16
8.1 Function Introduction	16

8.2 Query	17
8.3 Add	17
8.4 Edit.....	17
8.5 Delete.....	17
8.6 Clear.....	18
9. Inspection Plan.....	18
9.1 Function Introduction.....	18
9.2 Query	18
9.3 Add	18
9.4 Edit.....	19
9.5 Delete.....	19
9.6 Clear.....	19
10. Threshold.....	19
10.1 Function Introduction.....	19
10.2 Query	20
10.3 Add.....	20
10.4 Edit.....	20
10.5 Delete	20
10.6 Clear.....	20
11. Settings	20
11.1 Chinese-English shift.....	20
11.2 Versions	21
11.3 Help.....	21
11.4 Data Migration	21

1. Notice for use

Dear customer, when you use the CleanTrust Touch Luminometer, this software can help you realize the data transmission between the device and the desktop computer, and complete the data analysis.

2. Data Synchronization

2.1 Function Introduction

Analyzing software data synchronization, the synchronization operation will synchronize the historical data, detection points, inspectors, detection plans, and threshold data in the instrument to the software. It can also synchronize the detection points, inspectors, detection plans, and thresholds in the analysis software to the instrument. The initial interface is shown in Figure

1.

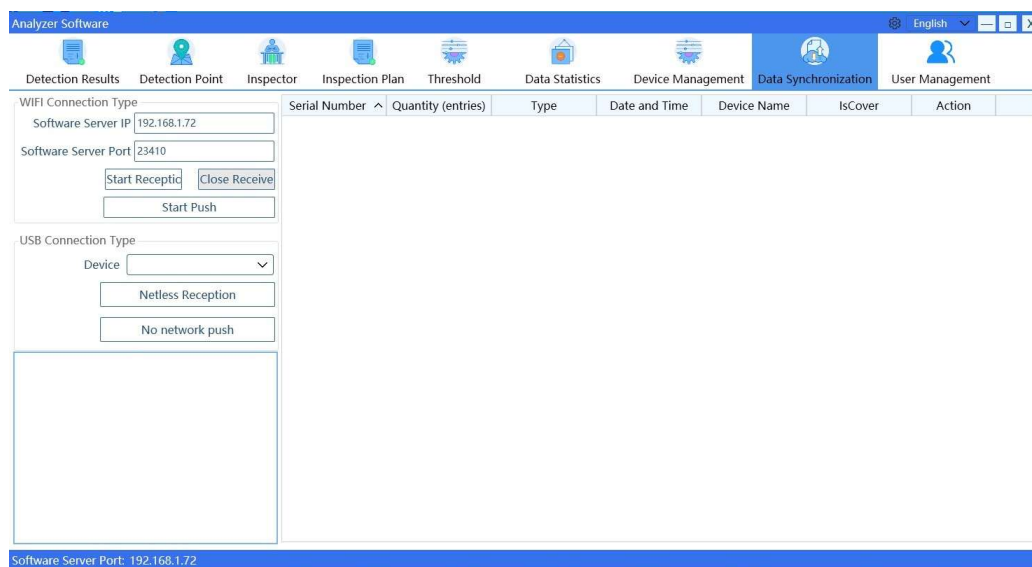


Figure 1 Data synchronization

2.2 Data Synchronization

There are two data synchronization methods: WIFI connection and USB connection. The two data synchronization modes cannot be used simultaneously.

2.2.1 WIFI connection

WIFI connection method push data:

- (1) Click on the "Analysis Software Synchronization" icon to enter the analysis software synchronization interface, as shown in Figure 2. Fill in the software service IP and service port number displayed in the data synchronization interface of the computer analysis software into the corresponding box of the instrument analysis software synchronization interface;
- (2) On the data synchronization interface of the computer analysis software, click "Start Reception";
- (3) Click the "Push Data" button on the instrument side;
- (4) After synchronization is completed, the synchronized data can be viewed on the computer analysis software.

WIFI connection method to pull data:

- (1) Click the "Pull Data" button on the device side to enter the data pull interface, as shown in Figure 3, and then click the "Pull Data" button at the bottom of the interface to open the service;
- (2) Click the "Start Push" button in the analysis software, enter the device IP, and click the "Push Data" button to start the data transmission service;
- (3) After the data transmission is completed, the pulled data can be viewed on the device.

2.2.2 USB mode

USB connection method push data:

- (1) Please connect the instrument to a desktop computer with installed analysis software using a Type-C USB cable;
- (2) Click on the "Analysis Software Synchronization" icon on the device to enter the analysis software synchronization interface, and then click on "No network push";
- (3) Select "ATP3500" in the "Equipment" column of the computer analysis software, and click "Netless Reception" to complete the synchronization operation of instrument data to the analysis software data.

USB connection method for pulling data:

- (1) Connect the device and the desktop computer where the analysis software is located using a Type-C USB data cable;
- (2) On the device side, click the "Pull Data" button to enter the pull data interface. On the computer side, select "ATP3500" in the "Device" column of the analysis software, click the "No network push" button, and the data will start to be transmitted. After the transmission is completed, there will be relevant prompt messages;
- (3) Click the "No Network Pull" button on the device side to complete a network free data push.

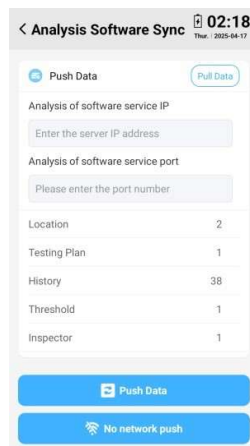


Figure 2 Waiting for a connection

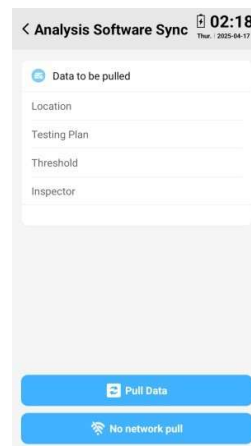


Figure 3 Waiting for a connection

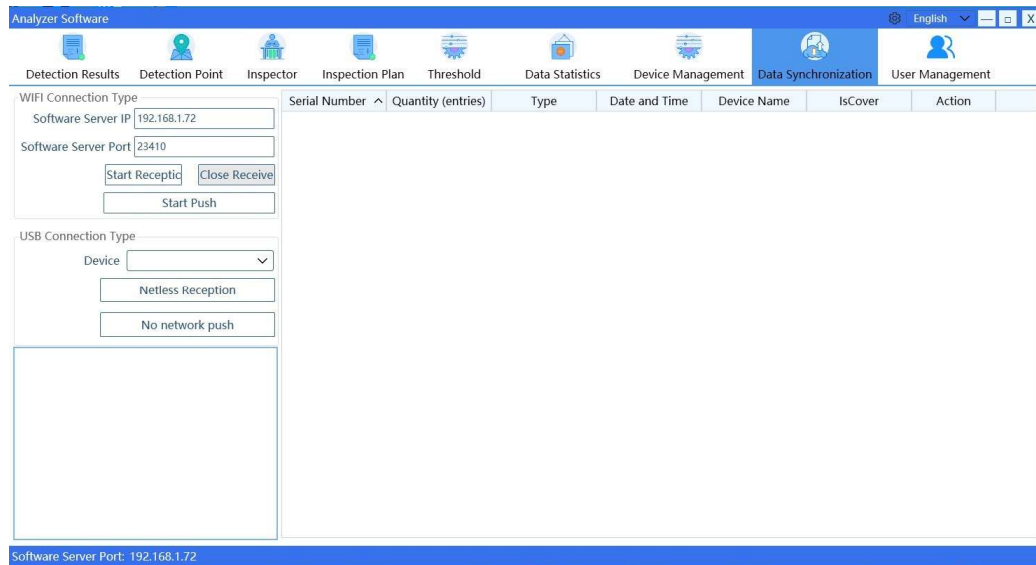


Figure 4 Waiting for a connection

3. Detection Result

3.1 Function Introduction

The detection result in the analysis software is the management of the synchronized data, including data query, query condition clearing, data printing, data export and deletion. The interface is shown in Figure 4 as below:

The screenshot shows the 'Analyzer Software' interface. At the top, there is a navigation menu with icons for Detection Results, Detection Point, Inspector, Inspection Plan, Threshold, Data Statistics, Device Management, Data Synchronization, and User Management. Below the menu, there are search filters for Detection Time (From/To), Inspection Plan, Retest (All), Detection Point, Inspection Result, Inspector, Device Name, and Device Code. There are also buttons for Query, Clear, Print, Export, and Export Formatting. The main area displays a table with 2 rows of data. The status bar at the bottom shows 'Software Server Port: 192.168.1.72' and 'Username Admin | Role Administrator'.

Number	Detection Value	Inspection Result	Detection Time	Inspector	Detection Point	Inspection Plan	Threshold	Detection Device	Device Code	Device Name	Retest?	F
1		Pass	2025-02-21 11:07:52				10 — 30	YZ3000	A12310011208			
6		Pass	2025-02-21 11:07:24				10 — 30	YZ3000	A12310011208			

Figure 5 Test results

The query conditions include detection time, detection point, inspector, inspection plan, retest, inspection result, whether to delete, device name, and device code. You can select multiple search conditions except whether to delete or retest. You need to select a specific date when checking the time selection.

3.2 Query

Select the query conditions, click the query button to query.

3.3 Clear

Click the Clear button to clear the selected query.

3.4 Print

Click the Print button, and the "Select Data" window will pop up. Select the name of the data column to be printed, and click the OK button. The interface is shown in Figure 5 below:

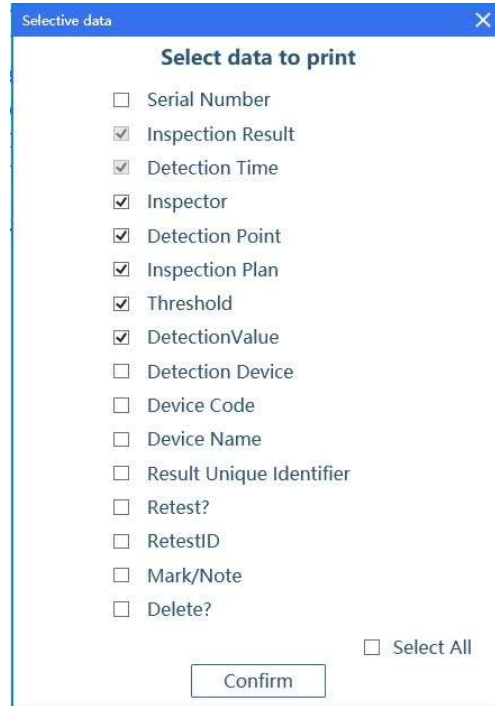


Figure 6 Selective data

3.5 Export

Click the Export button, select the save path, and export the data in the table in excel form.

3.6 Delete

Drag the scroll bar to find "Delete" and click Delete to delete the data.

4. Data Statistics

4.1 Function Introduction

The data statistics function in the analysis software of the CleanTrust Touch Luminometer is the statistics of all the synchronized data. It contains statistics by year,

quarter, month, week, inspection point, inspector, test plan, test result, and equipment name.

Annual, quarterly, monthly, and weekly statistics are displayed in line charts and pie charts. Detection point, inspector, inspection plan, inspection result, and device name are shown in bar charts and pie charts (The interface is shown in Figure 6 below).

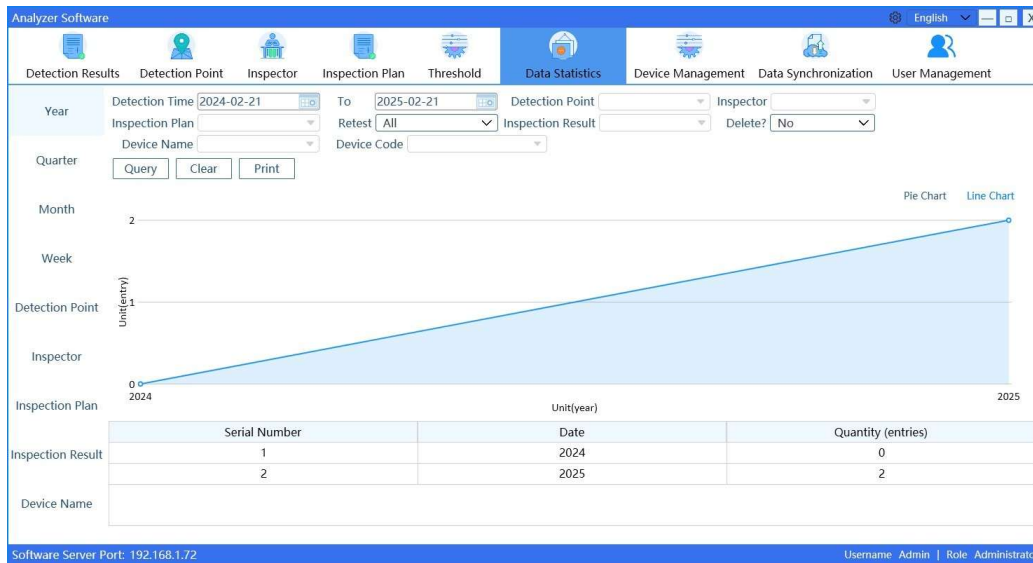


Figure 7 Data statistics

The query conditions include detection time, detection point, inspector, inspection plan, retest, inspection result, whether to delete, device name, and device code. You can select multiple search conditions except whether to delete or retest. You need to select a specific date when checking the time selection.

4.2 Query

Select the query conditions, click the query button to query.

4.3 Clear

Click the Clear button to clear the selected query.

4.4 Print

Click the Print button to print the table together with the statistics shown.

4.5 Chart Switching

Click "Pie chart", "Line chart" or "Bar chart" to switch the statistical chart display. As shown in Figure 7, 8 and 9 below.

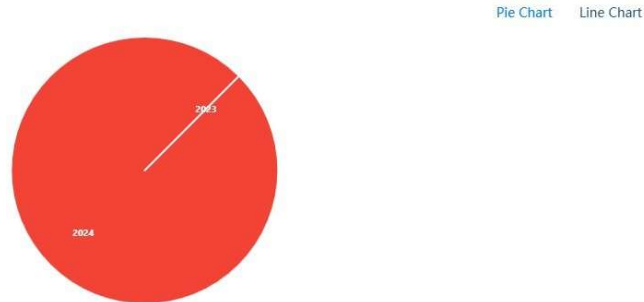


Figure 8 Pie chart

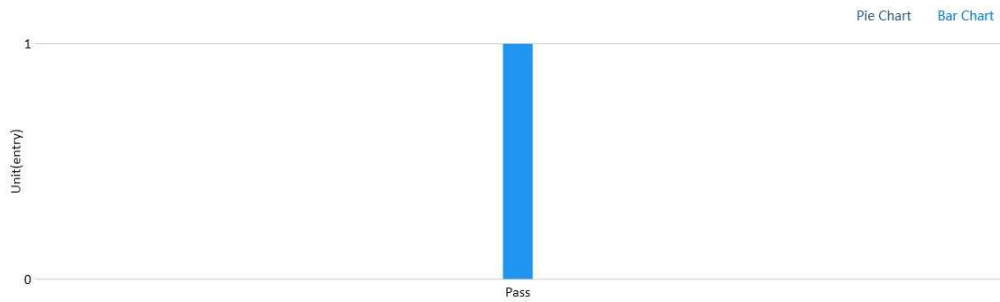


Figure 9 Bar chart

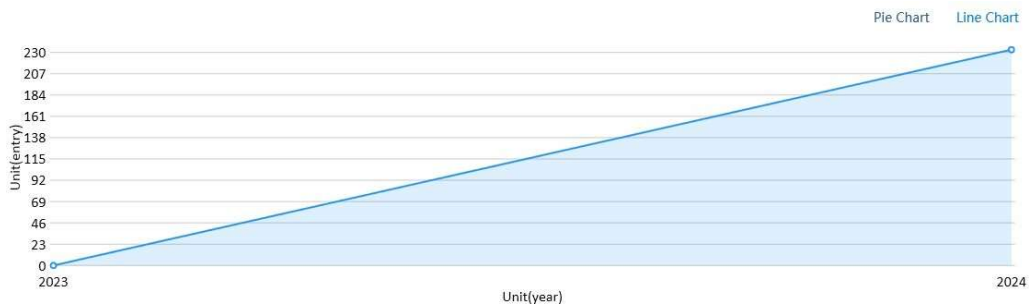


Figure 10 Line chart

5. Device Management

5.1 Function Introduction

Analysis software devices management is the form of previously synchronized connected devices. As shown in Figure 10 below.

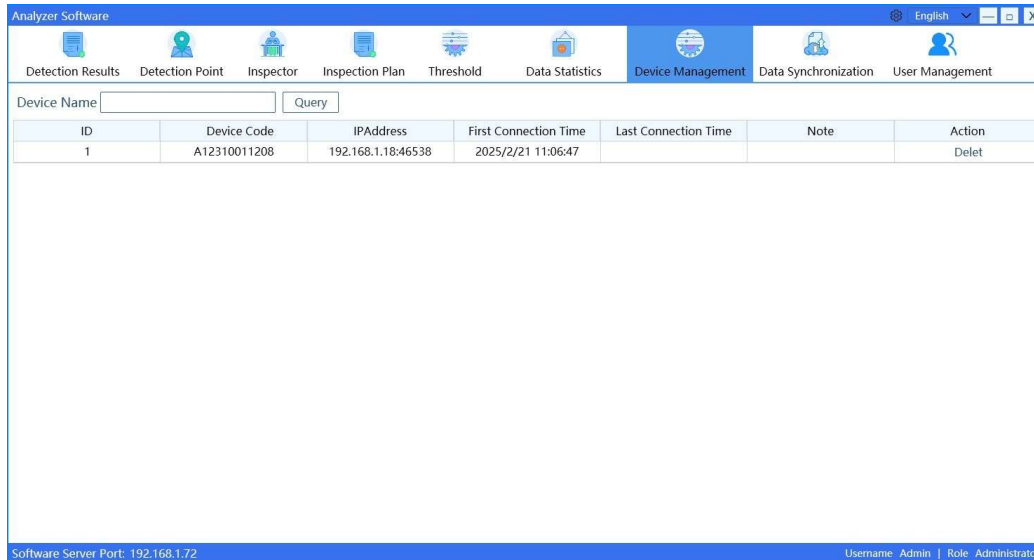


Figure 11 Device management

5.2 Query

Enter the device code, click query to query.

5.3 Delete

Click Delete to delete the device.

6. User Management

6.1 Function Introduction

Analysis software user management, is a management mechanism of user permission and data security. The permission data management mechanism is not enabled by default.

Enabling mechanism: Add an administrator account and enable the login mode
(As shown in Figure 11 below).

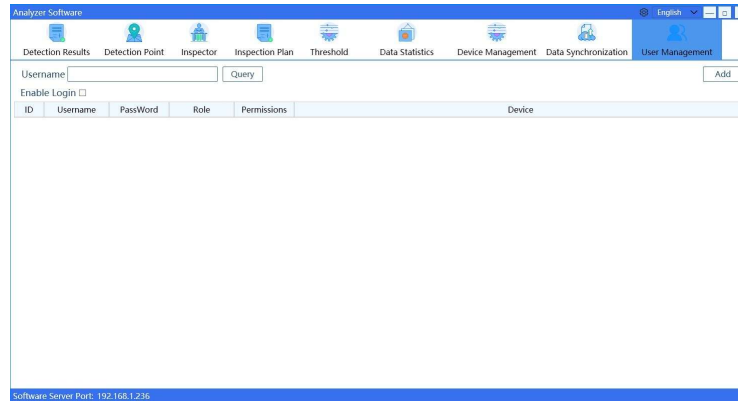


Figure 12 User management

Permission differentiation:

① Administrator: can add ordinary users, management of ordinary user permissions.

② Ordinary user: Do not have user management permissions. When the administrator assigns deletion permissions to ordinary users, they have the permission to delete data; otherwise, they do not have the permission to delete data.

6.2 Query

Enter the username and click query to query.

6.3 User Addition

Click the Add button, and the user Add window will pop up. If the user management data is empty, the first user is an administrator by default, and only one administrator can exist. Click OK to complete the addition. As shown in FIG. 12 and FIG. 13 below.

User Management

User Addition

UserName

PassWord

Confirm Password

Role Administrator ▾

Question

Answer

OK

Figure 13 Administrator addition

User Management

User Addition

Username

PassWord

Confirm Password

Role Regular User ▾ DeletePermission

View Devices

Confirm

Figure 14 Common user addition

6.4 User Modification

This operation can be performed only after the administrator logs in. The administrator password is required for editing the administrator. Click User modification to pop up the user editing window, enter the modification information and click OK to modify successfully. The following is the picture of each editing interface:

Confirm Password

Confirm Password

PassWord

Confirm

Figure 15 Admin Password



The screenshot shows a 'User Modification' window with the following fields: Username (Admin), Password (masked with 6 dots), Confirm Password (masked with 6 dots), Role (Administrator dropdown), Question (question), Answer (answer), and a Confirm button.

Figure 16 Admin modification



The screenshot shows a 'User Modification' window with the following fields: Username (user), Password (masked with 6 dots), Confirm Password (masked with 6 dots), Role (Regular User dropdown), DeletePermission (checkbox), View Devices (dropdown), and a Confirm button.

Figure 17 Common user modification

6.5 Delete

Administrators cannot be deleted, but common users can. Click Delete to delete the user.

6.6 Login

On the user management page, select Enable login and restart the software. As shown in Figure 17 below:

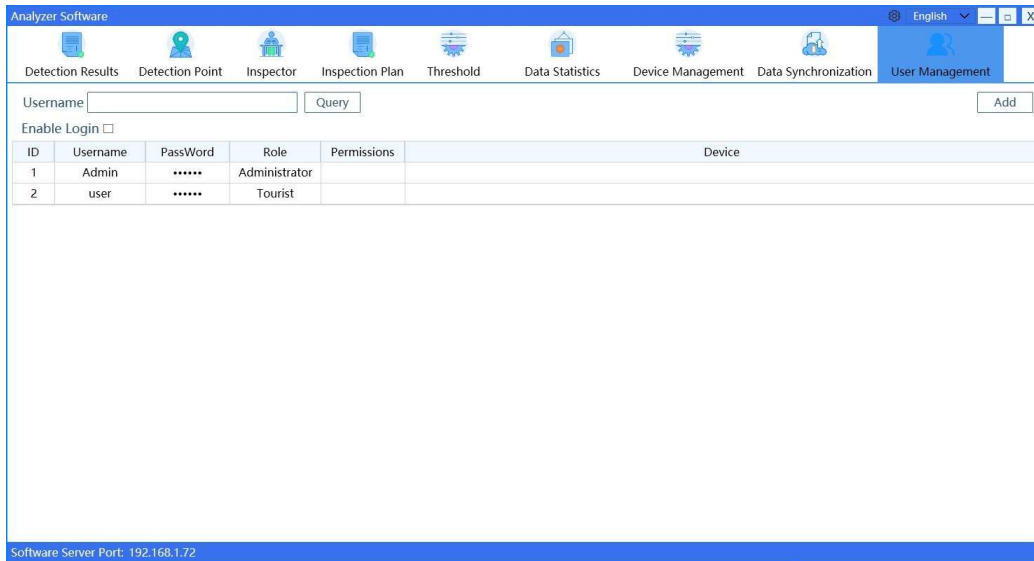


Figure 18 Enable login

Enter the username and password and click Login to enter the software according to the role of the current user. The login page is shown in Figure 18.



Figure 19 Login

For example, a common user has the Delete permission and can delete data in detection results and device management. If a device is assigned, the data is viewed based on the owned device.

6.6.1 Remember Password

If Remember Password is selected, you do not need to enter the username and password for the next login (As shown in Figure 19).

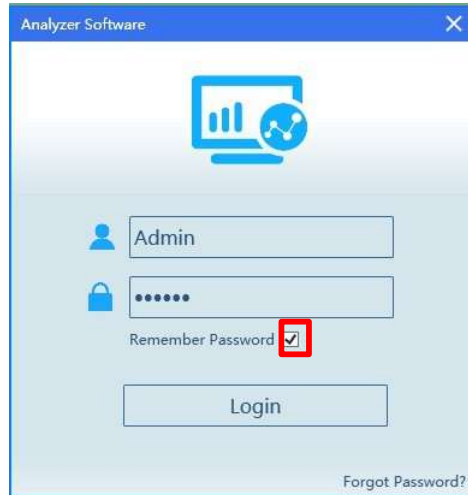


Figure 20 Remember the password

6.6.2 Forgot Password

If you forget the password, the administrator must perform operations. Click Forgot password, pop-up answer the question window, the question is set when registering the administrator, the administrator enters the answer. As shown in Figure 20:



Figure 21 Answer the question

Click the OK button. The Change Password window is displayed. Change the user password and click OK to complete the change successfully. As shown in Figure 21:



Figure 22 Change password

7. Detection Point

7.1 Function Introduction

The detection points in the analysis software are for the management of the synchronized data and the newly added detection points in the analysis software. It includes detection point query, query condition clearing, detection point addition, detection point editing, and deletion. The interface is shown in Figure 22:

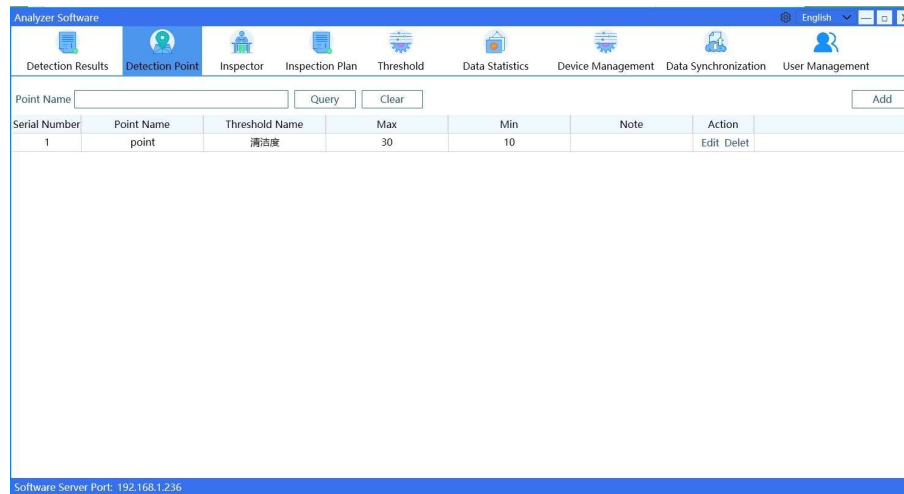


Figure23 Detection Point

7.2 Query

Enter the name of the detection point and click the "Query" button.

7.3 Add

Click "Add" button, enter the detection point information, and click "OK" button to complete the addition.

7.4 Edit

Click "Edit" and enter the modified detection point information. If the detection point is used in the detection plan, the detection point name cannot be modified. Click the "OK" button to complete the modification.

7.5 Delete

Click "Delete" to delete the detection point. If the detection point is used in the detection plan, it cannot be deleted.

7.6 Clear

Click the "Clear" button to clear the check point query condition.

8. Inspector

8.1 Function Introduction

The inspector in the analysis software is the management of the synchronized data and the new inspector in the analysis software. It includes inspector query, query condition clearing, inspector add, inspector edit, and delete, as shown in Figure 23:

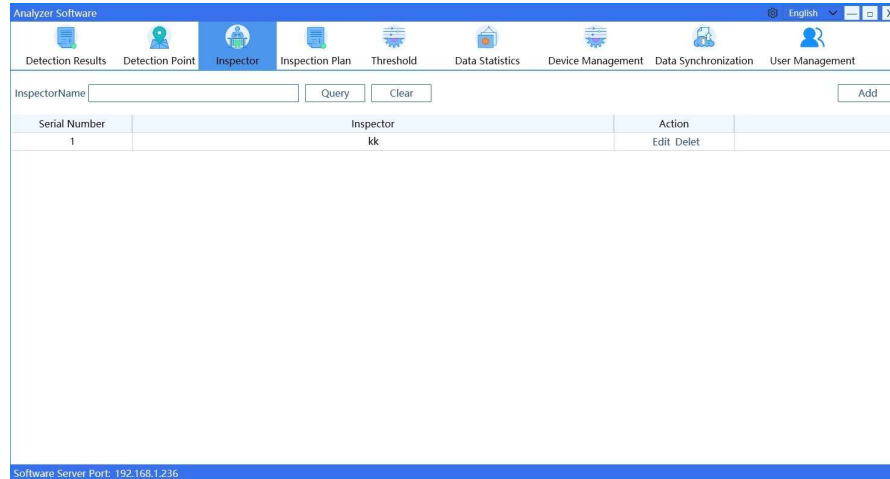


Figure 24Inspector

8.2 Query

Enter the name of the inspector and click the "Query" button.

8.3 Add

Click "Add" button, enter the inspector information, and click "OK" button to complete the addition.

8.4 Edit

Click "Edit", enter the modified inspector information, and click "OK" button to complete the editing.

8.5 Delete

Click "Delete" to delete the inspector.

8.6 Clear

Click the "Clear" button to clear the inspector query condition.

9. Inspection Plan

9.1 Function Introduction

The detection plan in analysis software is the management of the synchronized data and the new detection plan in the analysis software. It includes query of test plan, clearing of query conditions, adding test plan, editing test plan, and deleting test plan.

The interface is shown in Figure 24:

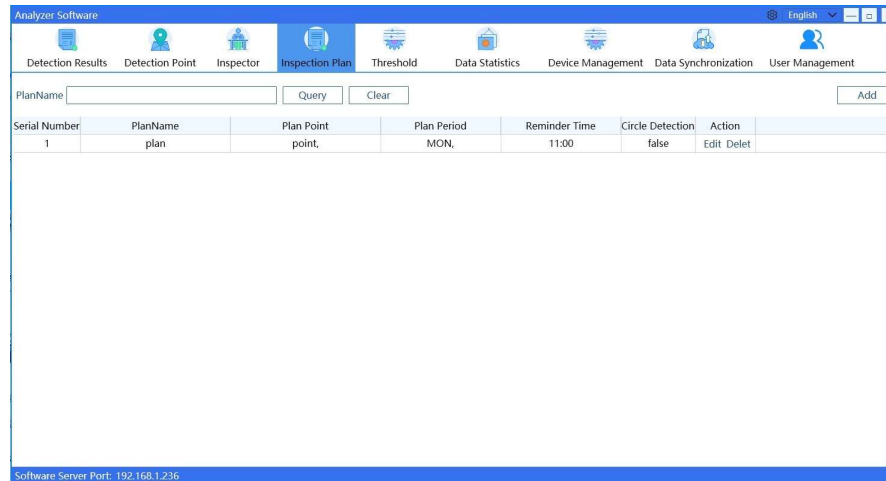


Figure 25 Inspection Plan

9.2 Query

Enter the test plan name and click the "Query" button.

9.3 Add

Click "Add" button, enter the test plan information, and click "OK" button to complete the addition.

9.4 Edit

Click "Edit", enter the modified detection plan information, and click "OK" button to complete the editing.

9.5 Delete

Click "Delete" to delete the detection plan.

9.6 Clear

Click the "Clear" button to clear the query conditions of the detection plan.

10. Threshold

10.1 Function Introduction

The threshold in the analysis software is the management of the synchronized data and the new threshold in the analysis software. It includes inspector query, query condition clearing, inspector add, inspector edit, and delete, as shown in Figure 25:



Figure26Threshold

10.2 Query

Enter a threshold name and click the Query button.

10.3 Add

Click the "Add" button, enter the threshold information, and click the "OK" button to complete the addition.

10.4 Edit

Click "Edit" and enter the modified threshold information. If the threshold is used in the detection point, the threshold name cannot be modified. Click "OK" to complete the editing.

10.5 Delete

Click Delete to delete the threshold. If the threshold is used in the detection point, it cannot be deleted.

10.6 Clear


Click the Clear button to clear the threshold query conditions.

11. Settings


11.1 Chinese-English shift

Click on the upper right corner of the software and select Chinese and English to switch.

11.2 Versions

Click "" to expand the drop-down list, select the version and the version number window will.


11.3 Help

Click "" to expand the drop-down and select Help to open the instruction manual directly.

11.4 Data Migration

Data migration is to search for the detection result data in the old version when installing a new version. Migrate the detection result data of the old version to the new version. When installing the new version, if the detection result data of the old version is found, a prompt will be given. At this point, you can choose to migrate or not to migrate. If you do not migrate, manual migration is required.

Manual migration of data:

Click "" to expand the drop-down. Select data migration to open the data migration interface (as shown in Figure 27). Select the upper folder of the file where the software is located (Example: C:\Program Files (x86)\Yizhi Technology).

Just click the "Data Migration" button.

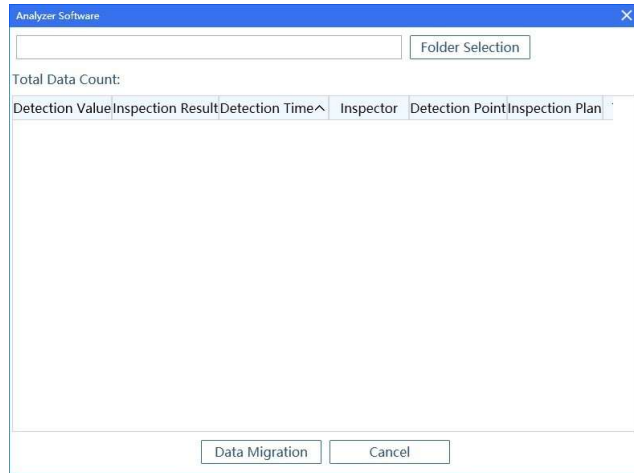


Figure27Threshold



1295 Morningside Avenue, Unit 16-18
Scarborough, ON M1B 4Z4 Canada
Phone: 416-261-4865 Fax: 416-261-7879
www.scigiene.com