

PoolCheck[®]i

Digital Test Strip Analyzer

Customer Data Management application



SYSTEM REQUIREMENTS:

Windows® XP, Vista or Windows® 7 operating systems
USB to 9-pin serial cable (included, must be connected to COM port 1)

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APPLICATION FEATURES:

The PoolCheck®i is supplied with a basic, easy to use data management program.

The program allows the user to:

- Upload test data from the PoolCheck®i analyzer to a personal computer (PC).
- Add customer names and ID numbers
- Search the data by Customer Name, Customer ID, Test Date, and the last three digits of the analyzer serial number
- Print the test data directly from the application to the user's choice of printer
- Delete individual data or the entire data set from the program
- Export the data to a Microsoft Excel spreadsheet.

To get started:

Download the compressed application file <PoolCheck Application 061312.zip> found at www.poolcheckonline.com. Use an extraction utility to extract and install the software on your computer. (It must be a PC running Windows XP or Windows 7 operating systems. Macs are not supported at this time).

Use the supplied mini-USB to 9-pin Serial Computer cable to connect the PoolCheck®i to the PC. **NOTE:** Do not use a mini-USB to USB cable with the software; the data will not transfer correctly.

Click on the “PoolCheck Application.exe” icon  to start the software. The main screen will appear.

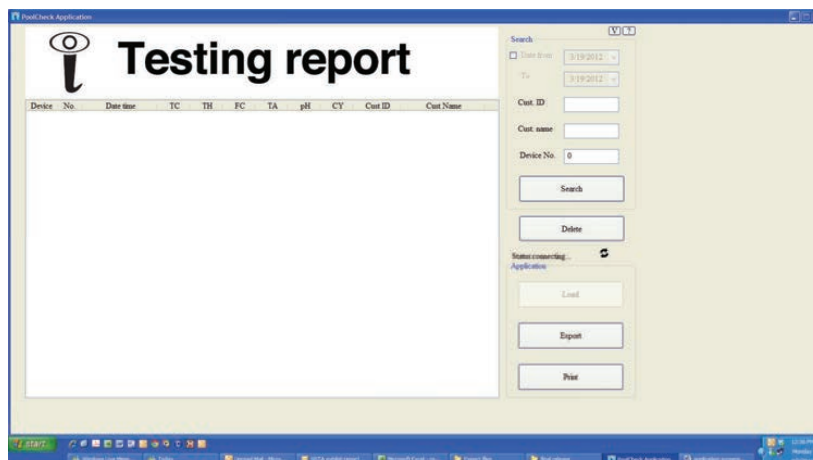


Figure 1—Main Application Screen

NOTE: Screen shots are provided for reference. Details are clearly visible when the images are enlarged on a computer monitor.

TO UPLOAD DATA FROM THE DDIGITAL ANALYZER TO THE SOFTWARE:

1. Confirm that the analyzer is turned on and connected to the PC (see page 2).
2. Enter the analyzer serial number (located on the back of the analyzer) in the “Device No.” box above the Search button.
3. Click LOAD on the main screen. The analyzer will beep and “uploading . . .” will appear next to “Status:” as the data uploads to the management software (Fig 3).

NOTE: If the analyzer is not properly connected to the computer a “TIME OUT CANNOT CONNECT” message will appear. Check the connection to the PC and the analyzer and begin at Step 1 (Fig 2).

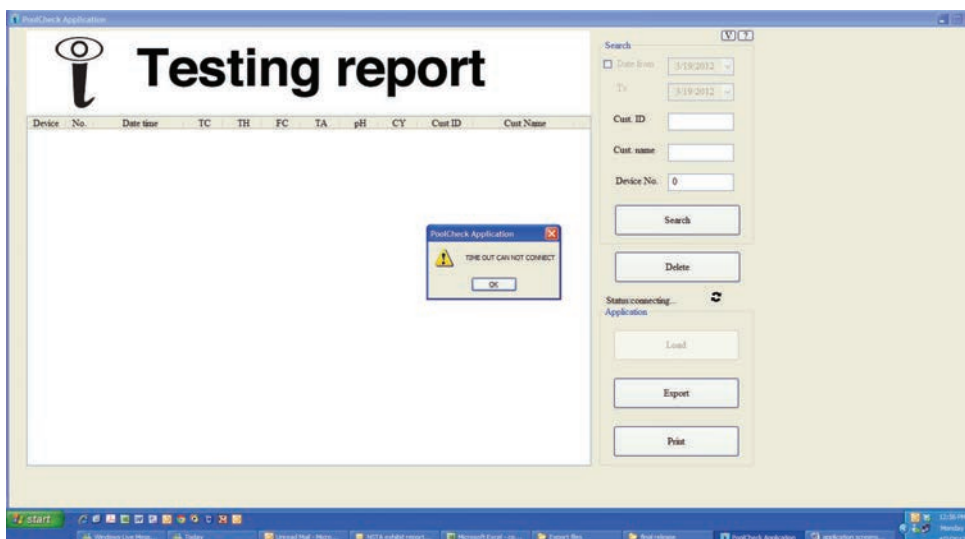


Figure 2—Improper connection to PC

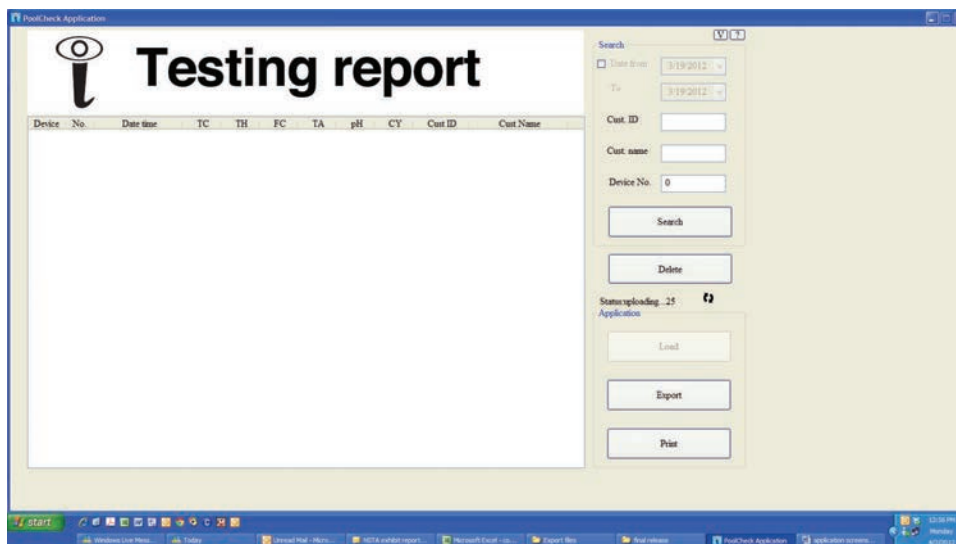


Figure 3— Uploading data

4. The total number of transferred data points is displayed. Click OK in the “upload total num: dialog box (Fig 4).

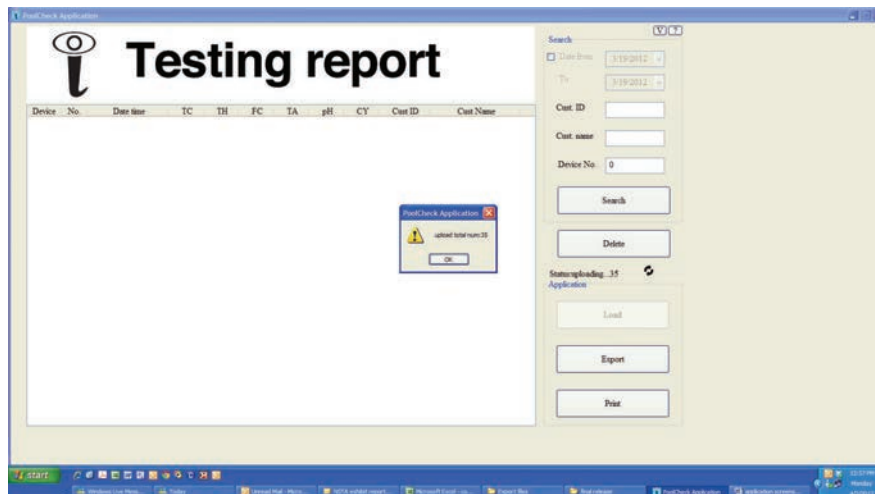


Figure 4—“upload total number “

5. A “Saving data success!” dialog box will appear. Click OK to save the data (Fig 5).

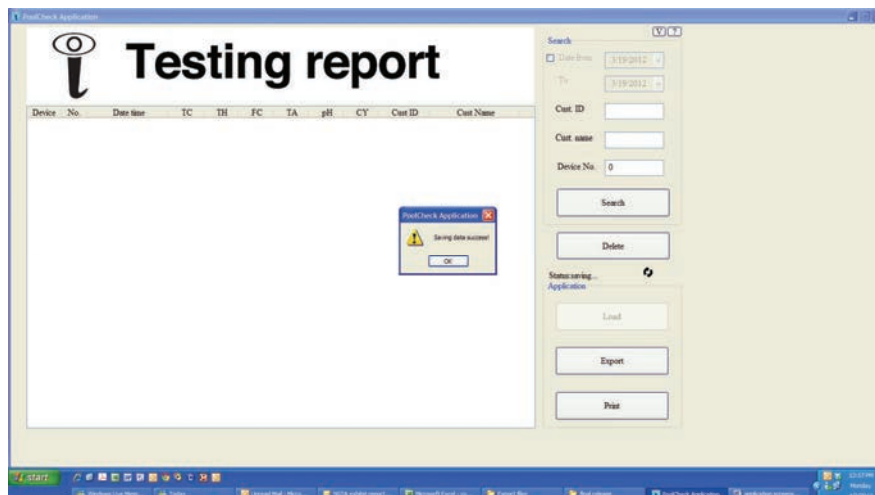


Figure 5—“Saving data success!”

The uploaded data will then appear on the screen. Out of range results are displayed in red (Fig 6). See the PoolCheck® i manual for reference ranges.

Device No.	Date time	TC	TH	FC	TA	pH	CY	Cust ID	Cust Name
0 1	03-29-2012 09:14	0.9*	230	3.8	160*	8.0*	60		
0 2	03-29-2012 09:15	1.5*	220	0.8*	150*	8.4*	40		
0 3	03-29-2012 09:16	0.3*	190	3.1	160*	7.9*	20*		
0 4	03-29-2012 09:17	50.0*	980*	50.0*	360*	8.6*	500*		
0 5	03-29-2012 09:30	2.8	180	3.4	170*	8.6*	70		
0 6	03-29-2012 09:31	3.4	270	4.1	180*	8.4*	40		
0 7	03-29-2012 09:32	0.9*	170	3.2	130*	8.1*	100*		
0 8	03-29-2012 09:34	1.0*	120*	4.2	180*	8.5*	90		
0 9	03-29-2012 09:35	0.8*	140*	4.5	210*	8.6*	120*		
0 10	03-29-2012 09:36	4.9	120*	3.2	180*	8.6*	60		
0 11	03-29-2012 09:37	0.9*	110*	2.1	150*	8.6*	100*		
0 12	03-29-2012 09:38	2.8	170	5.9	210*	8.6*	70		
0 13	03-29-2012 09:39	3.2	290	4.9	170*	6.0*	0*		
0 14	03-29-2012 09:40	1.0*	320	2.8	240*	8.6*	100*		
0 15	03-29-2012 15:12	50.0*	980*	50.0*	360*	8.6*	500*		
0 16	03-29-2012 15:13	0.7*	170	2.5	130*	8.3*	70		
0 17	03-29-2012 15:14	0.9*	230	1.0*	170*	8.2*	90		
0 18	03-29-2012 15:15	0.7*	320	2.2	190*	8.4*	70		
0 19	03-29-2012 15:16	3.1	200	2.8	180*	8.6*	120*		
0 20	03-29-2012 15:17	3.8	200	4.0	170*	8.3*	130*		
0 21	03-29-2012 15:18	1.3*	350	1.0*	150*	8.6*	110*		
0 22	03-29-2012 15:18	1.4*	280	3.2	180*	8.4*	100*		
0 23	03-29-2012 15:19	0.7*	190	2.0*	190*	8.3*	110*		
0 24	03-29-2012 15:20	1.1*	180	1.3*	150*	7.7*	100*		
0 25	03-29-2012 15:21	1.0*	200	2.1	0*	6.0*	0*		
0 26	03-30-2012 07:53	3.8	380	9.0	260*	8.6*	250*		
0 27	03-30-2012 08:02	7.0	340	9.0	210*	8.6*	180*		
0 28	03-30-2012 08:03	6.0	510*	10.0*	250*	8.6*	180*		

Figure 6- uploaded data displayed

TO ENTER CUSTOMER IDENTIFICATION:

The Customer Name and a Customer ID number may be entered next to each uploaded data point. Customer Name and ID numbers may be entered in the format you choose. The entered data is automatically saved in the default folder.

1. Double click next to the data point under “Cust ID”. Enter the customer ID number in the box. (NOTE: You will not see a cursor).
2. Press Enter to move to “Cust Name”. Enter the customer name in the box.
3. Press Enter to move to the next box.

Continue in this manner until the data points are identified (Fig 7-8).

Device No.	Date time	TC	TH	FC	TA	pH	CY	Cust ID	Cust Name
813 1	03-29-2012 09:14	0.9*	230	3.8	160*	8.0*	60	Wilson	
813 2	03-29-2012 09:15	1.5*	220	0.8*	150*	8.4*	40		
813 3	03-29-2012 09:16	0.3*	190	3.1	160*	7.9*	20*		
813 4	03-29-2012 09:17	50.0*	980*	50.0*	360*	8.6*	500*		
813 5	03-29-2012 09:30	2.8	180	3.4	170*	8.6*	70		
813 6	03-29-2012 09:31	3.4	270	4.1	180*	8.4*	40		
813 7	03-29-2012 09:32	0.9*	170	3.2	130*	8.1*	100*		
813 8	03-29-2012 09:34	1.0*	120*	4.2	180*	8.5*	90		
813 9	03-29-2012 09:35	0.8*	140*	4.5	210*	8.6*	120*		
813 10	03-29-2012 09:36	4.9	120*	3.2	180*	8.6*	60		
813 11	03-29-2012 09:37	0.9*	110*	2.1	150*	8.6*	100*		
813 12	03-29-2012 09:38	2.8	170	5.9	210*	8.6*	70		
813 13	03-29-2012 09:39	3.2	290	4.9	170*	6.0*	0*		
813 14	03-29-2012 09:40	1.0*	320	2.8	240*	8.6*	100*		
813 15	03-29-2012 15:12	50.0*	980*	50.0*	360*	8.6*	500*		
813 16	03-29-2012 15:13	0.7*	170	2.5	130*	8.3*	70		
813 17	03-29-2012 15:14	0.9*	230	1.0*	170*	8.2*	90		
813 18	03-29-2012 15:15	0.7*	320	2.2	190*	8.4*	70		
813 19	03-29-2012 15:16	3.1	200	2.8	180*	8.6*	120*		
813 20	03-29-2012 15:17	3.8	200	4.0	170*	8.3*	130*		
813 21	03-29-2012 15:18	1.3*	350	1.0*	150*	8.6*	110*		
813 22	03-29-2012 15:18	1.4*	280	3.2	180*	8.4*	100*		
813 23	03-29-2012 15:19	0.7*	190	2.0*	190*	8.3*	110*		
813 24	03-29-2012 15:20	1.1*	180	1.3*	150*	7.7*	100*		
813 25	03-29-2012 15:21	1.0*	200	2.1	0*	6.0*	0*		
813 26	03-30-2012 07:53	3.8	380	9.0	260*	8.6*	250*		
813 27	03-30-2012 08:02	7.0	340	9.0	210*	8.6*	180*		
813 28	03-30-2012 08:03	6.0	510*	10.0*	250*	8.6*	180*		

Figure 7— Enter Customer Name and ID

TO ENTER CUSTOMER IDENTIFICATION (continued):

To correct an entry:

1. Double-click the entry to open Edit mode.
NOTE: You will not see a cursor in edit mode.
2. Use the Backspace key to delete the entry.
3. Re-enter the customer data.

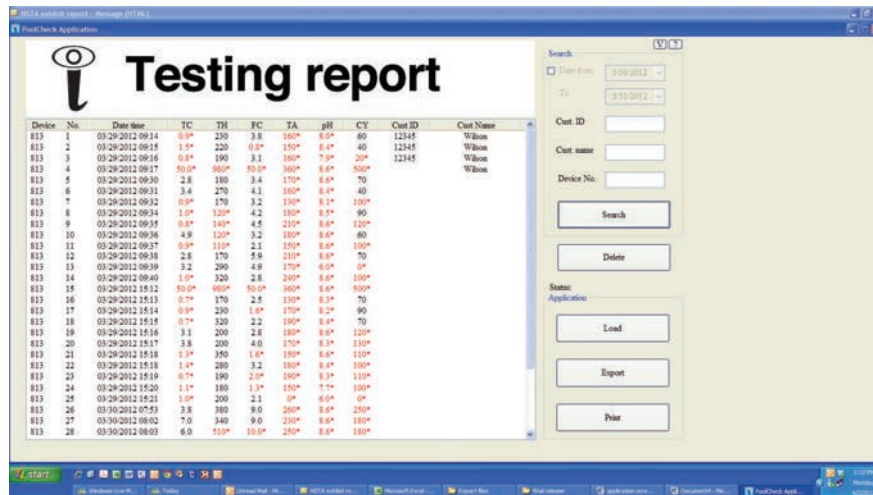


Figure 8 - Enter Customer Name and ID continued

TO PRINT THE DATA:

Uploaded data may be printed from the Main Screen. You may choose the printer to use.

1. Click "Print" on the main screen.
2. Follow the prompts in the dialog box to print the data (Fig 9).
3. Data will print in landscape mode, 29 test results per page.

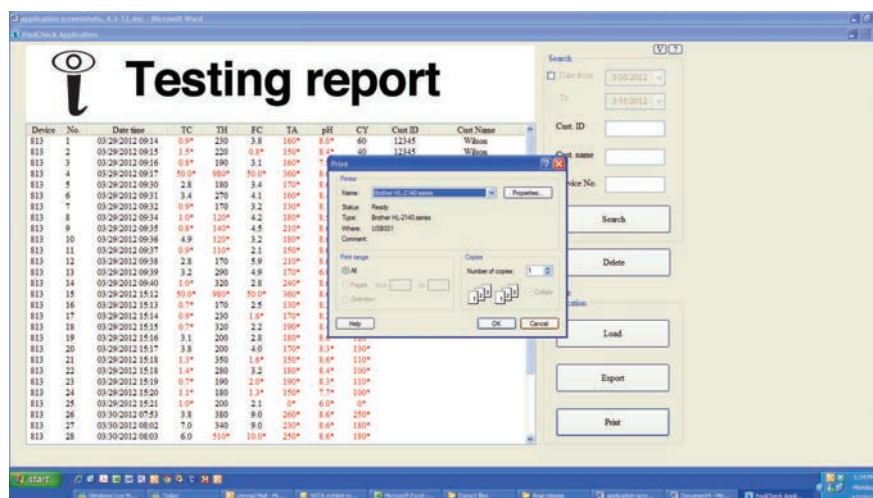


Figure 9 - Printer dialog box

TO SEARCH THE DATA:

Data may be searched from the Main Screen. Data points can be searched by Customer Name, Customer ID, Test Date, or the last three digits of the analyzer serial number (located on the back of the unit).

TO SEARCH BY CUSTOMER NAME :

1. To search by Customer Name, enter the customer's name in the "Cust. Name" search box above "Search". Entry is not case sensitive.
2. Click "Search" on the main screen.
3. The data matching that Customer Name will be displayed on the main screen (Fig 10).

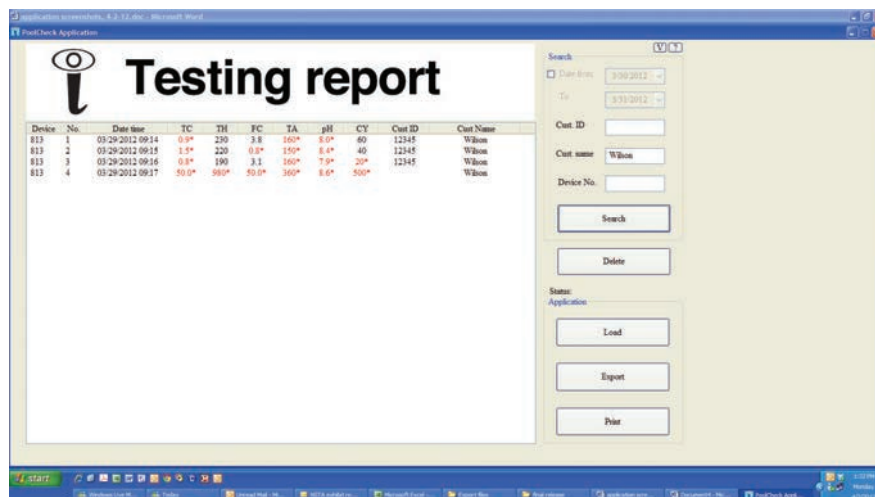


Figure 10 - Customer Name Search results

TO CLEAR SEARCH RESULTS:

1. Clear the box and press "Search". All data will again be displayed.
2. To search by Customer ID, add the desired name to the "Cust. ID" search box and repeat the procedure.

TO SEARCH BY DATE:

1. To search by Date, click the box next to “Date from”. Enter the date from the key board or by using the drop down arrow.
2. Click “Search”. Data matching the desired date will be displayed.
3. To display all the data, click the box next to “Date from” to deselect the box. Press “Search”. All data will again be displayed (Fig. 11 & 12).

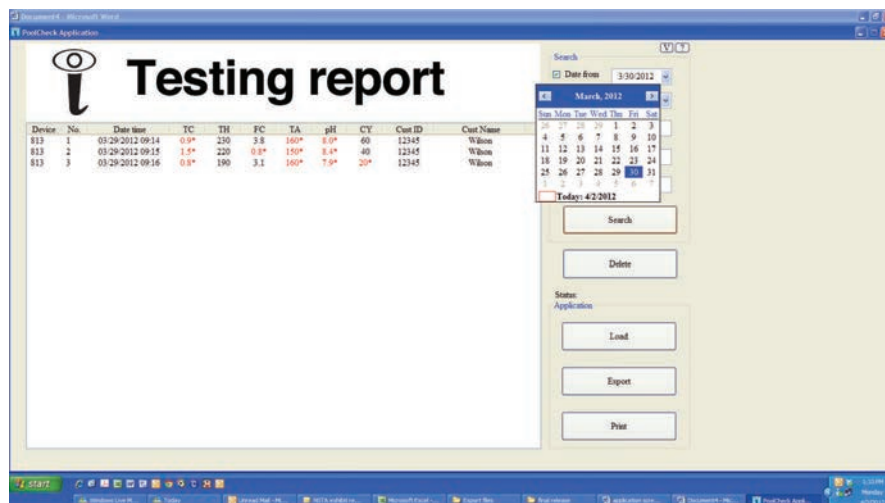


Figure 11 - Date search

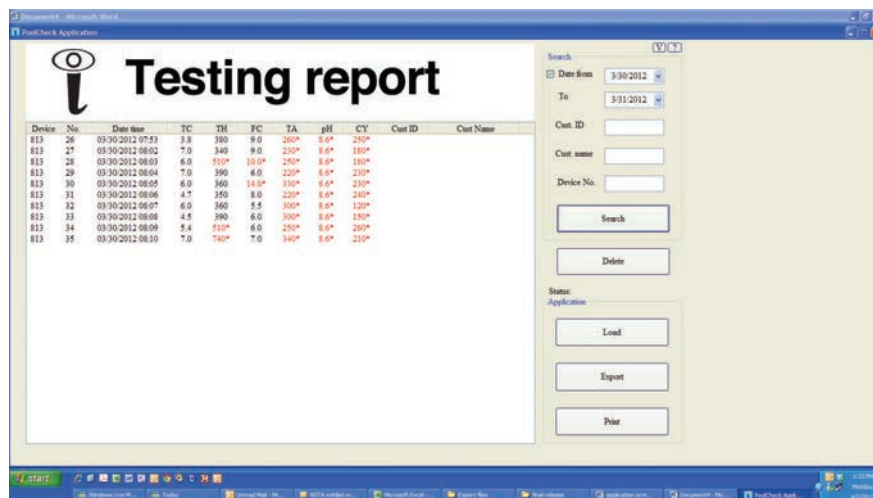


Figure 12—Date search results

TO SEARCH BY DEVICE NUMBER:

Enter the last three digits of the analyzer serial number in the “Device” search box. (NOTE: This feature is helpful when uploading the results from more than one unit).

TO EXPORT DATA:

If desired, data can be exported and used normally as a Microsoft Excel Worksheet.

1. Click “Export” on the main screen.
2. Follow the dialog box to name the file and save it in the desired location (Fig 13)

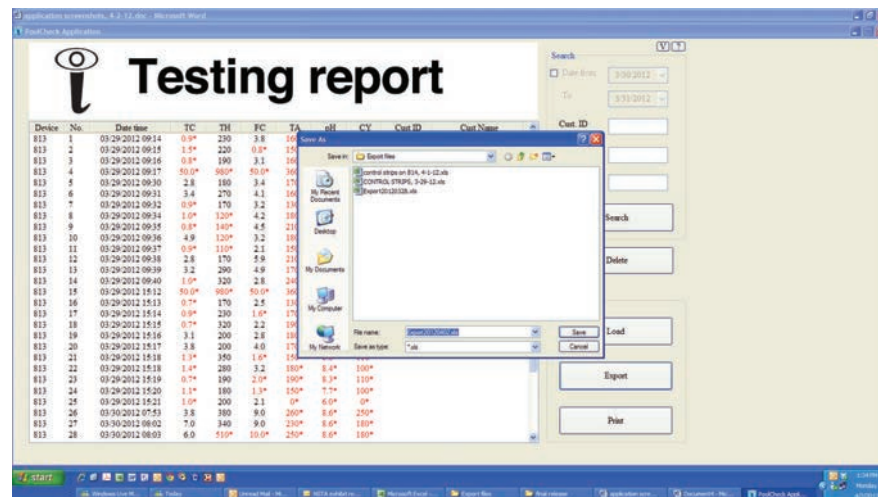


Figure 13—Export Dialog box

TO DELETE DATA FROM DATA MANAGEMENT SOFTWARE:

Note: This operation will not delete data from the Pool Check ® i analyzer. (Please see the manual for more information on deleting data from the analyzer).

Uploaded data can be deleted from the data management software.

1. Click on a line to highlight the data to be deleted, or
2. Click on data and drag the cursor to highlight the desired data (Fig 14 & 15).

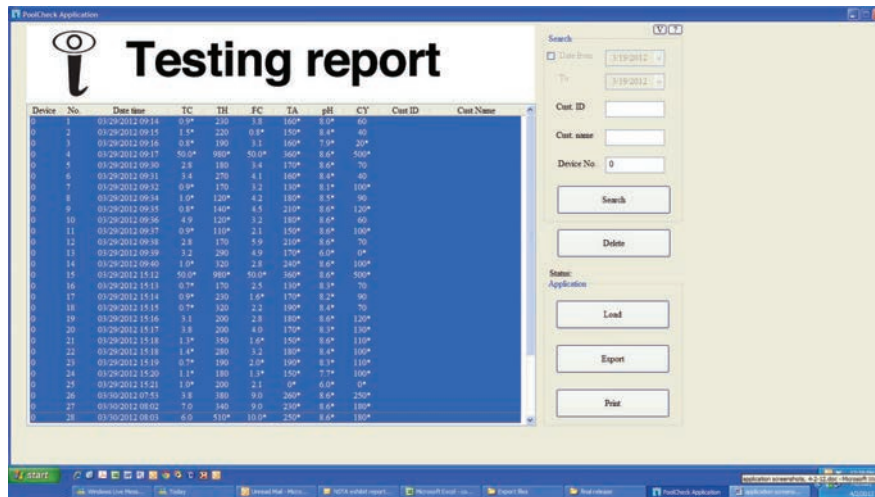


Figure 14—data selected to delete

- Click “Delete” on the main screen
- A “Sure to delete?” confirmation dialog box will appear (Fig 15).

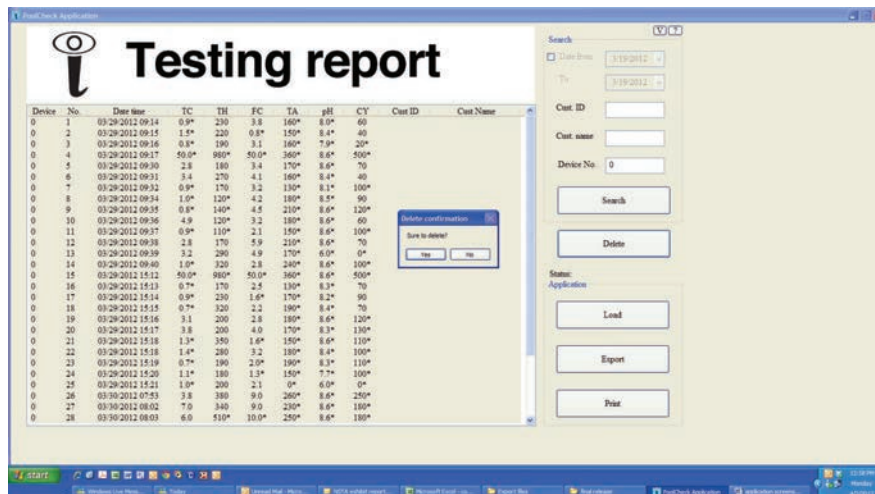


Figure 15 - Delete confirmation dialog box

Customer Support:

Visit the PoolCheck® i website (www.sensafe.com/poolcheck-i) for the latest software updates. Please contact the customer service number included in the PoolCheck® i manual if you have questions about using the software.



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