

PARTICLE COUNTER SOFTWARE

For Part11

Operation Manual

Please keep this operation manual handy for future reference.

02003
17.01

- * The operation manual is stored in Adobe PDF format, which can be read by Adobe Acrobat 4.x or higher.
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Precautions When Using Kanomax Software Products on Windows 7

Stored data may not appear in Windows Explorer if you had saved data in the C:/ folder or the folders under the Program Files (Program Files(x86) for 64 bit).

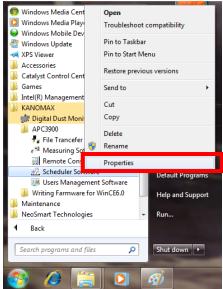
Click "Compatibility files" in Windows Explorer to display the data.

If you can not perform this operation, or "Compatibility files" does not appear, you need to save data in the folder such as "My Document" which users can read or write.

🚱 💿 🖉 🕨 Computer 🕨 Local Disk (C:) 🕨 🔹 🍫 Search					
Organize 👻 Share with 💌	I	Compatibility files	New folder		
▲ 🔆 Favorites	Nam	ne		Date modified	Туре
🧮 Desktop]] (dell		10/25/2010 12:34	File f
🔒 Downloads]] (drvrtmp		10/25/2010 12:36	File f
🖳 Recent Places]] 1	Intel		10/25/2010 12:34	File f
	1	PerfLogs		7/14/2009 11:37 AM	File f

When using the Airborne Particle Counter Software, you need to configure the settings for Scheduler Software. Otherwise, schedule data will not appear and can not be transferred when using the File Transfer Software to transfer schedule.

Click [Start] -> [(All) Programs] -> [KANOMAX]. Right-click [Scheduler Software] and click [Properties].



Click the "Compatibility" tab in the "Scheduler Software Properties" window.

Check "Run this program as an administrator" in Privilege Level.

Click [OK] to close the window.

Security	Details	Previous Versions
General	Shortcut	Compatibility
an earlier version of matches that earlie	of Windows, select the er version.	d it worked correctly on compatibility mode that
Help me choose		
Compatibility mo	le	
Run this pro	gram in compatibility m	ode for:
Windows XP	(Service Pack 3)	~
Settings		
Run in 256	colors	
🔲 Run in 640	x 480 screen resolution	L. C.
Disable visu	ual themes	
Disable des	ktop composition	
Disable disp	alay scaling on high DP	l settings
- Privilege Level -		
	ogram as an administrat	or
	-	
Channes and	tings for all users	
munange set	ungs for all dsers	
	ОК	Cancel Apply

Table of Contents

1.	Overview	5
1.1	Packing List	5
1.2	2. System Overview	5
2.	Installation	6
2.1	Installation	6
2.2		
2.3		
3.	Remote Console Software	
3.1	. Main Screen	8
3.2	2. Menu List	9
3.3	3. Destination Settings and Command Buttons	9
3.4	1	
3.5	5. Search Function	11
4.	Scheduler Software	12
4.1	. Main Screen	
4.2		
4.3		
4.4	4. Schedule File Creation	14
4	4.4.1. Creating a new file	14
4	4.4.2. Editing an existing file	15
5.	File Transfer Software	16
5.1	. Main Screen	16
5.2	2. Menu List	16
5.3	3. Destination Settings and Command Button	17
5.4	Image: Downloading Measurement Data	19
5.5	1 0	
5.6	5 Search Function	21
6.	Measuring Software	
6.1	. Operation Overview	22
6.2	•	
6.3	3. Data File	24
6	5.3.1. File Menu	24
6	5.3.2. Data File List	
6.4	0	
	5.4.1. LAN Settings	
	5.4.2. Measurement Parameter Settings	
	5. Remote Measurement	
	6.5.1. Start/End Measurement	
	5.5.2. Measurement5.5.3. Measurement Data Storage	
6.6		
	5.6.1. Data Display Format	
0	····	

6.6.2.	Particle Graph	
6.6.3.	Temperature, Humidity, Air Velocity and Differential Pressure Graph	
6.6.4.	Data Table	
6.7. Oth	ner Functions	32
6.7.1.	Switching Languages	
6.7.2.	Windows Arrange	
6.7.3.	Software Version	
6.7.4.	Printing Function	
7. User	· Management Software	
7.1. Wł	nen You First Start Software	
7.1.1.	Start Screen	
7.1.2.	Specifying Data Storage Folder and SD(MMC) Card Drive Name	
7.1.3.	Registering a New Local User	
7.2. Sta	rting Software After Registering Local Users	
7.2.1.	Starting Software	
7.2.2.	Download Button	
7.2.3.	Decrypt Button	40
7.2.4.	Approval1/Approval2 Button	41
7.2.5.	User Management [3910 Online]	41
7.2.6.	User Management [3910 SD Card]	47
7.2.7.	User Management [Local]	48
8. Mise	cellaneous Notes	51

1. Overview

1.1. Packing List

The following item is included in this package:

QTY1. AIRBORNE PARTICLE COUNTER SOFTWARE CD-ROM1

If the CD-ROM is missing or damaged, please contact your local distributor immediately.

1.2. System Overview

This software package includes four programs as follows;

- Remote Console Software
- Scheduler Software
- File Transfer Software
- Measuring Software
- User Management Software

Use the Remote Console Software to operate the Airborne Particle Counter remotely via computer.

Use the Scheduler Software to create a schedule file for use when performing a measurement.

Use the **File Transfer Software** to download stored measurement data from or upload a schedule file to the Airborne Particle Counter.

Use the **Measuring Software** to collect particle, air velocity, humidity and differential pressure data from the Airborne Particle Counter.

Use the User Management Software to manage users, measurement data, and log data in the instrument.

Applicable Computer Requirements:

Model:	IBM PC compatible
Ethernet Connector:	1 available Ethernet port
OS	English or Japanese Windows XP SP2 or higher, Windows Vista SP1 or higher,
	Windows 7, .NET Framework 3.5 or higher

Network Requirements:

Your Firewall and/or Network Router settings may limit your Network connectivity while using this software. If you experience connectivity issues, please configure the following settings:

- When using the Remote Console Software or the Measuring Software, open TCP ports "12344" and "12346.
- When using the Search Software, open UDP port "12345", and ensure broadcasting is available on the network.
- When using the File Transfer Software, open FTP port "21".

Please refer to your Firewall or Router operation manual.

If you have any questions regarding the settings or network, please contact your network administrator.

2. Installation

2.1. Installation

When installing the software, be sure to log in with a user that has administrative rights and follow the procedure below.

Insert the product CD-ROM into the CD-ROM drive.

This operation can be started from the Windows Explore menu.

- (1) Using Windows Explorer, find and double-click the setup.exe file located in the "English" folder on the product CD-ROM.
- (2) Follow the instructions displayed on the screen.
- (3) When the installation is completed successfully, a "KANOMAX" folder will be added to the "(All) Programs" list in the "Start" menu.

2.2. Starting and Closing a Program

To Start the PARTICLE COUNTER Remote Console Software:

From the start menu, click: [(All) Programs] -> [KANOMAX] -> [LPC3910]-> [Remote Console Software].

The main window of the software will be displayed.

To Start the PARTICLE COUNTER Scheduler Software:

From the start menu, click: [(All) Programs] -> [KANOMAX] -> [LPC3910]-> [Scheduler Software]. The main window of the software will be displayed.

To Start the PARTICLE COUNTER File Transfer Software:

From the start menu, click: [(All) Programs] -> [KANOMAX] -> [LPC3910]-> [File Transfer software]. The main window of the software will be displayed.

To Start the PARTICLE COUNTER Measuring Software:

From the start menu, click: [(All) Programs] -> [KANOMAX] -> [LPC3910]-> [Measuring Software]. The main window of the software will be displayed.

To Start the PARTICLE COUNTER User Management Software:

From the start menu, click: [(All) Programs] -> [KANOMAX] -> [LPC3910]-> [User Management Software].

The main window of the software will be displayed

To close the software:

- From the [File] menu, select [Exit], or
- Click the [x] button located at the right end of the title bar of the main window.

2.3. Uninstalling

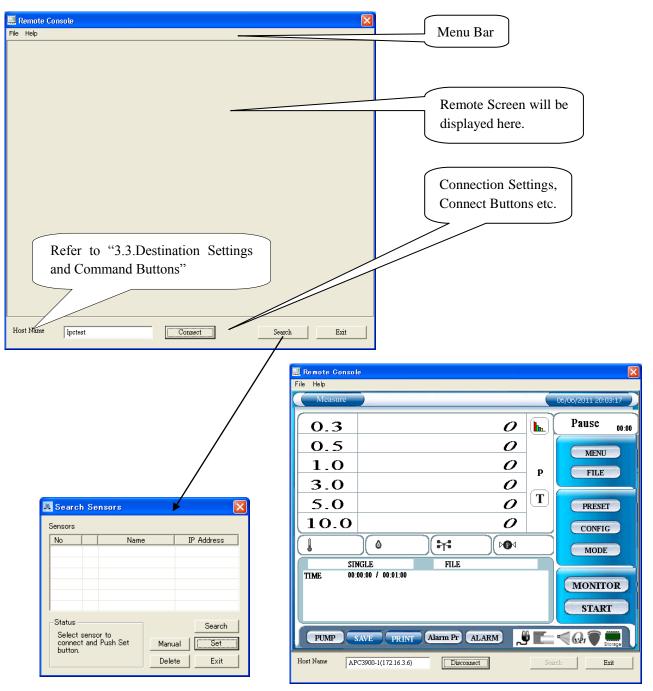
- (1) Open [My Computer] -> [Control Panel] -> [Add or Remove Programs].
- (2) Select [PARTICLE COUNTER Software] from the list, and click [Remove].

3. Remote Console Software

Use the Remote Console Software to operate the Particle Counter remotely via computer.

3.1. Main Screen

Both the PC running the software and the Particle Counter must be connected to the LAN and properly configured in order to access the Particle Counter remotely via PC.



3.2. Menu List

File Menu

[Exit] Closes the software.

Help Menu

[About] Views the software version information.

3.3. Destination Settings and Command Buttons

(Refer to <u>3.1. Main Screen</u>.)

Host Name

Enter the Host Name for the instrument you wish to connect with. The instrument's Host Name is configured in the instrument's COMMUNICATION SETTING.

You can also choose a Host Name by using [Search] which will display all the instruments currently connected to the LAN (Refer to <u>3.5. Search Function</u>).

Connect

Click [Connect] to connect to the instrument configured in Host Name.

The "Authentication" window will be displayed, prompting you to enter your User ID and Password.

Authenticati	n
User ID	l
Password	
	OK CANCEL

Enter your User ID and Password that that you use to log into the instrument and click [OK]. If the authentication succeeds, the connection will be established.

NOTE: In order to access the instrument remotely the user must have [Administrator] or [Remote Control] rights. Also, the instrument cannot be accessed remotely via PC if it is remote mode.

If the connection fails, a message will be displayed saying "The connection was ended because of a network error."

To reconnect to the instrument, click [Connect].

If the connection succeeds, the instrument screen will be displayed, and the [Connect] button will be replaced by the [Disconnect] button.

Search

Starts a search for connected instruments (Refer to 3.5 Search Function).

EXIT

Closes the software.

🔜 Remote Consol File Help	e				
Measure		(06/06/2011 20:03	3:17	
0.3		<u> </u>	Pause	00:00	Operation Screen
0.5		0	MENU		
1.0		<i>O</i> _p	FILE		
3.0		0			
5.0		0 T	PRESET		
10.0		0	CONFIG		
)()		MODE		
	NGLE FILE				
TIME 00:	00:00 / 00:01:00		MONITO	DR	
			START		
PUMP	SAVE PRINT Alarm Pr A	LARM	Cer T		
Host Name AP	C3900-1(172.16.3.6)	t Sea	nch Ex	it	

3.4. How to Operate the Remote Console Software

After the computer is successfully connected to the instrument, the instrument screen will be displayed on the computer.

Click the buttons on the display to operate the instrument as described in the instrument's instruction manual.

Due to LAN communication lag, there may be a slight delay before the instrument reacts to your commands.

If the computer becomes unresponsive for a minute or longer, it may be disconnected or a problem may have occurred with the LAN communications. If that is the case, close the software by clicking [Exit]. Check the LAN communications and restart the software.

NOTE: If the instrument is put in remote mode while you are using the "Remote Console Software", communications between the instrument and PC will be terminated. The instrument should only be placed in remote mode when using the "Measuring Software" program.

3.5. Search Function

Click [Search] to find instruments connected to the LAN.

🔣 Sea	rch Se	nsors	X		🔣 Search Se	ensors	X
Sensor	rs				Sensors		
No		Name	IP Address		No	Name	IP Address
						APC3900-1	172.16.3.6
				Click [Search]	2	APC3900	172.16.3.14
				V			
	ect sens nect and	or to I Push Set			Status Searching	Mano	

If a connected instrument is found, it will be listed in the "Search Sensors" window shown above. Select the instrument that you want to connect with and click [Set]. The name of the instrument selected will be displayed on the Remote Console Software, File Transfer Software or User Management Software.

If you know the Host Name and the IP address of an instrument,

click [Manual] to open the dialog box shown on the right. Enter the Host Name and IP address of the instrument, and click [OK].

The instrument will be added to the "Search Sensors" window and an "m" will appear to the left of the Host Name, as shown below.

📧 Searc	Search Sensors					\mathbf{X}
Sensors						
No		Name		IP	Address	
		APC39	00	17	2.16.3.14	
2		APC390	0-1	1	72.16.3.6	
□3	m	APC390	0-2	1	72.16.3.7	
						_
Select	: senso	r to			Search	
	ct and	Push Set	(Manu Dele		Set Exit	

Input Host	name and IP address	×
Host name	APC3900-2	
IP address	172.16.3.7	
	OK Cancel	

To delete Host Name and IP Address which were manually input, select the instrument that you want to delete and click [Delete].

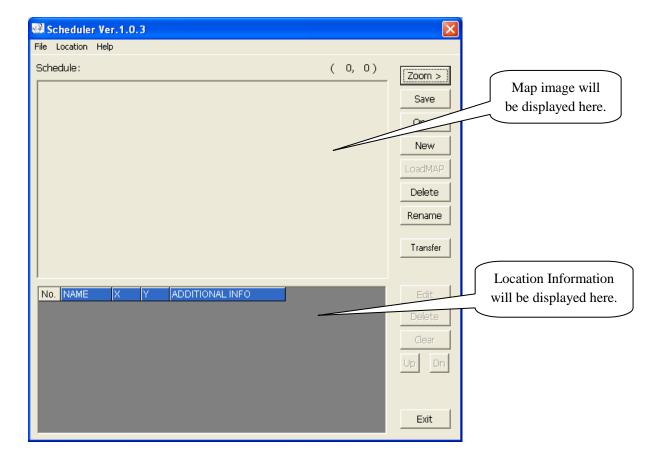
[Manual] and [Delete] are disabled while searching. To enable [Manual] and [Delete], click [Stop] to finish searching.

Click [Exit] to close the search function and return to the previous screen.

4. Scheduler Software

Use the Scheduler Software to create a schedule file for use when performing a measurement.

4.1. Main Screen



4.2. Menu List

File Menu

For file related operations.

[New]	Creates a new SCHEDULE file.
[Open]	Loads a saved SCHEDULE file.
[Save]	Saves a created SCHEDULE file.
[Load Map]	Loads a MAP image file.
[Delete]	Deletes a created SCHEDULE file.
[Rename]	Renames a created SCHEDULE file.
[Exit]	Closes the software.

Location Menu

[Edit Location]	Edits the selected Location.
[Delete Location]	Deletes the selected Location.
[Clear List]	Deletes all Locations.
[Up]	Shifts the selected Location up one spot in the list.
[Down]	Shifts the selected Location down one spot in the list.

Help Menu

[About] Shows the software version information.

4.3. Command Buttons

Zoom

Magnifies the displayed MAP.

Save

Saves the SCHEDULE that you are editing.

It is possible to save the SCHEDULE to USB Memory.

Open

Opens the saved SCHEDULE file.

New

Creates a new SCHEDULE file.

LoadMAP

Loads a MAP file.

The map file should be created using an image editing application beforehand.

The image must be in bitmap (.bmp) format.

Delete

Deletes a saved SCHEDULE file.

You cannot delete a file while you are editing it.

Rename

Changes the name of a saved SCHEDULE file.

You cannot change the name of a file while you are editing it.

Transfer

Transfers the saved SCHEDULE file to the instrument. When [File Transfer Software] starts, follow procedures described in **5.File Transfer Software** to upload the file.

Edit

Edits the selected Location.

Delete

Deletes the selected Location.

Clear

Deletes all the Locations.

Up

Shifts the selected Location up one spot in the list.

Dn

Shifts the selected Location down one spot in the list.

Exit

Closes the software.

4.4. Schedule File Creation

4.4.1. Creating a new file

- Click [File] -> [New], or Click [New].
- (2) The "New Schedule" window will be displayed.

Enter a Schedule name and specify a MAP File to load. To select a MAP File click [Ref] to display the "Select MAP File" window and click the file that you wish to use. Without a MAP file, you cannot create a Schedule with this application.

* Creating **a MAP File:** You may use any standard paint program (such as MS Paint) to create a visual representation of the measurement area(s) where you will be using the instrument. The Scheduler Software can use any standard bitmap (.bmp) file up to a maximum size of 1600×1200 pixels.

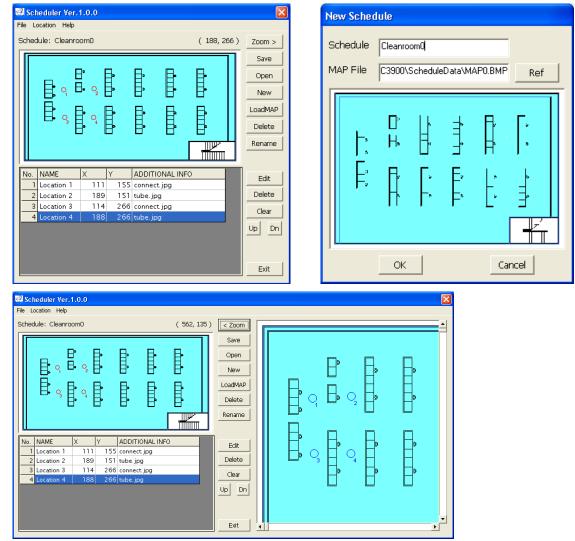
 New Schedule

 Schedule
 Cleanroom0

 MAP File
 Ref

 OK
 Cancel

Click [OK] to return to the main screen and input the test locations. Click [Cancel] to return to the main screen.



(3) To create a new measurement point click the place on the MAP where you wish to add a location Then the "Edit Location" window will

Edit Location

Position X

Zoom

NAME Location 1

ADDITIONAL INFO

ОK

open.

NAME: Enter a Location Name.

Position:

The coordinates that you clicked are displayed. You can edit these.

ADDITIONAL INFO:

Click on [Ref] to select an image file for ADDITIONAL INFORMATION.

The image format should be *.jpg or *.bmp. [Zoom] button:

Magnifies the image that was loaded in ADDITIONAL INFO.

After you complete editing, click on [OK] or [Cancel]. Click [OK] to save the edited settings. Click [Cancel] to discard the edited settings.

Repeat this procedure to add a Location. You can set up to 100 Locations.

- (4) To edit an existing Location, select the Location that you want to edit from the Location Information list, and click [Edit]. The "Edit Location" window will be displayed and you can edit the Location settings.
- (5) To delete an existing Location, select the Location that you want to delete from the Location Information list, and click [Delete].
- (6) To delete all Locations, click [Clear].
- (7) When you finish editing the Schedule, click [Save].

4.4.2. Editing an existing file

- (1) Click [File] -> [Open], or click [Open].
- (2) The "Open Schedule" window will open. Select the Schedule file that you want to edit and click [OK].
- (3) Refer to steps (3) (7) in <u>4.4.1 Creating a new file</u> for more information on editing a file.

where you wish to add a location.	
	3
Y 149	

Ref

Cancel

5. File Transfer Software

Use the **File Transfer Software** to download stored measurement data from or upload a schedule file to the Airborne Particle Counter.

5.1. Main Screen

Both the PC running the software and the Airborne Particle Counter must be connected to the LAN and properly configured in order to access the Airborne Particle Counter remotely via PC.

🛃 File Transfer				
File Help Host Name APC3900		Connect	Search	Configure connection settings
File Name	Size	Time.		Files will be displayed here.
File Name Measure Mode All © Download C Upload	Upload	pad	Exit	

5.2. Menu List

File Menu

[Exit] Closes the software.

Help Menu

[About] Shows the software version information.

5.3. Destination Settings and Command Button

Host Name

Enter the Host Name of the instrument you wish to connect with. The instrument's Host Name is configured in the instrument's COMMUNICATION SETTING.

You can also choose a Host Name by using [Search] which will display all the instruments currently connected to the LAN (Refer to <u>3.5 Search Function</u>).

Connect

Click [Connect] to connect to the instrument configured in Host Name.

The "Authentication" window will be displayed, prompting you to enter your User ID and Password.

Authenticati	n	
User ID		
Password		
	OK CANCEL	

Enter your User ID and Password that you use to log into the instrument and click [OK]. If the authentication succeeds, the connection will be established.

NOTE: In order to access the instrument remotely the user must have [Administrator] or [Remote Control] rights. Also, the instrument cannot be accessed remotely via PC if it is remote mode.

If the connection fails, a message will be displayed saying "The connection was ended because of a network error."

To reconnect to the instrument, click [Connect].

If the connection succeeds, the instrument screen will be displayed, and the [Connect] button will be replaced by the [Disconnect] button.

Search

Starts a search for connected instruments (Refer to 3.5 Search Function).

Measure Mode

Filters the file type that is displayed for downloading.

The files that you can select are;

Single:	Single Measurement Data
Continue:	Continuous Measurement Data
Inter:	Interval Measurement Data
Statistic:	Stats Measurement Data
ISO:	ISO Mode Measurement Data
FS 209E:	FS 209E Mode Measurement Data
BS 5295:	BS 5295 Mode Measurement Data
EU GMP:	EU GMP Mode Measurement Data
GB/T:	GB/T Mode Measurement Data
ALL:	All Measurement Data

Download/Upload (Radio Button)

Toggles Upload or Download mode.

Download

Downloads the selected data file.

Upload

Uploads the selected Schedule file to the instrument.

EXIT

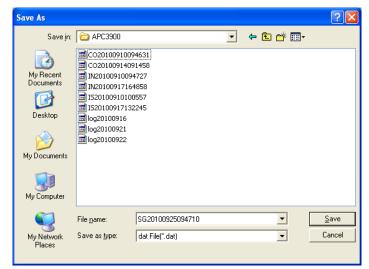
Closes the software.

5.4. Downloading Measurement Data

- Enter "Host Name" and click [Connect] to connect the computer with the instrument (Refer to <u>5.3 Destination Settings and</u> <u>Command Button</u>).
- (2) Select the [Download] radio button.
- (3) Select the file that you want to download. The selected file name will be displayed under "File Name".
- (4) Click [Download].

🛃 File Transfer			X
File Help			
Host Name APC3900 (172.1	16.3.219)	Disconnect) Sea	rch
File Name	Size	Time.	~
3900index.dat	70456	2011/06/17 21:	
ST20110607162304.dat	6556	2011/06/08 01:	
ST20110603140415.dat	1876	2011/06/03 23:	
ST20110510153804.dat	3340	2011/05/11 00:	
ST20110510134901.dat	3844	2011/05/11 00:	
ST20110510131601.dat	4052	2011/05/10 22:	
ST20110510130600.dat	3844	2011/05/10 22:	
ST20110510130214.dat	3844	2011/05/10 22:	_
ST20110509165700.dat	2776	2011/05/10 01:	
ST20110509163153.dat	2776	2011/05/10 01:	_
ST20110509162903.dat	1360	2011/05/10 01:	
ST20110426093218.dat	4456	2011/04/28 18:	
SG20110608150754.dat	1136	2011/06/09 00: 2011/06/08 20:	
SG20110607094305.dat	1136	2011/06/08 20:	
File Name			
Measure Mode All	<u> </u>		
Ownload) Upload		
Upload	Down	load Exit	

(5) The "Save As" dialogue box will be displayed. Enter a file name and click [Save]. The file is then downloaded from the instrument and saved to your PC.



PC.

5.5. Uploading a Schedule File

- Enter "Host Name" and click [Connect] to connect the computer with the instrument (Refer to <u>5.3</u> <u>Destination Settings and Command Button</u>).
- (2) Select the [Upload] radio button.
- (3) Select the Schedule file that you want to upload. The selected file name will be displayed under "File Name".
- (4) Click [Upload]. The schedule file is then uploaded to the instrument and the main screen will be displayed.

🛃 File Transfer	×
File Help	
Host Name pctest	Disconnect Search
Schedule Name	
Cleanroom2 Cleanroom3	
File Name Measure Mode	
C Download 💿 Upload	
Upload	zaload Exit

🛃 File Transfer	×
File Help	
Host Name Increase Disconnect Search	
Schedule Name	_
Upload Schedule	
The output file already exists. Click YES to overwrite.	
Yes No	
File Name Cleanroom1	
Measure Mode All -	
Measure Mode All	
C Download (* Upload	
United Download East	1
Upload Download Exit	

If you click [No], a message window will be

If the schedule name already exists in the instrument, a message window will be displayed asking if you want to overwrite the file or not. Click [Yes] to overwrite the file stored on the instrument with the file from the

displayed asking you if you want to delete the schedule file from the instrument.

Click [Yes] to delete the Schedule file saved on the instrument.

Click [No] to go back to the main screen.

💤 File Transfer 🛛 🗙
File Help
Host Name Inctest Disconnect Search
Schedule Name
Upload Schedule
Do you want to delete the schedule file. :Cleanroom1
Ves No
File Name Cleanroom1
Measure Mode
C Download & Upload
Upload Download Exit

5.6 Search Function

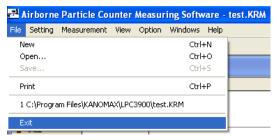
Refer to **3.5 Search Function**.

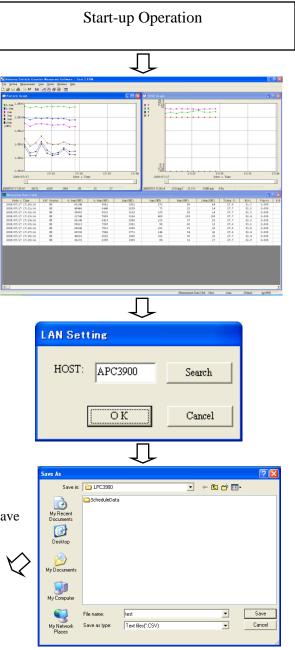
6. Measuring Software

Use the **Measuring Software** to collect particle, air velocity, temperature, humidity and differential pressure data from the Airborne Particle Counter.

6.1. Operation Overview

- * NOTE: The instrument must be placed in "REMOTE MODE" when running this program (Please refer to the instrument manual for further directions).
 - From the start menu, click :[(All) Programs]
 -> [KANOMAX] -> [Measuring Software].
 - (2) The Initial Screen appears displaying the last file that was displayed when the program was last used.
 - (3) To configure LAN Settings, go to: [Setting] -> [R LAN Setting...] and configure the Host Name. (Refer to <u>6.4.1.LAN Settings</u>.)
 - (4) To start measuring, click [Measurement] from the menu bar or click
 - (5) As shown on the right, go to [File] -> [Save] to save the data from the current measurement.
 - (6) To end the program, go to [File] -> [Exit].





6.2. Screen Structure

Menu bar and tool bar are displayed on the parent window. The menu bar and tool bar change depending on the active window.



1) Toolbar

The menu items most commonly used are shown as icons on the toolbar. Click on the corresponding button to execute the item easily.

2) Status Bar

The program status, as well as measurement status and parameters are displayed on the status bar.

6.3. Data File

6.3.1. File Menu

📲 Airborne	e Particle Co	unter	Measur	ing Softw	vare -	test.KRM
File Setting	Measurement	View	Option	Windows	Help	
New				Ctrl-	+N	1
Open				Ctrl-	+0	-
Save				Ctrl-	+S	
Print				Ctrl-	+P	
1 ⊂:\Progra	am Files\KANOM	AX\LPC	3900\test	.KRM		
E×it						L
				1		

New

Start a new file using the current configured parameters (The default file name is "NEWFILE.KRM"). (If there is unsaved data, a dialog box appears asking if you want to save the data.)

Open...

Loads an existing file (If there is unsaved data, a dialog box appears asking if you want to save the data).

Save

Saves the current data under a file name you specify.

Print

Prints the graph or data in the active window.

Recently used documents list

Opens a recently used file.

Exit

Closes the program (If there is unsaved data, a dialog box appears asking if you want to save the data).

6.3.2. Data File List

The following table shows the file formats that the Measuring Software can save data as:

Measurement Data File	•	File Name	: ###.KRM
	•	Format	: Binary
	•	Contents	: File information, measurement parameter, remote measurement data
Data File	•	File Name	: ###.CSV or ###.TXT
Excel Compatible,	•	Format	: Microsoft Excel compatible comma-delimited file
CSV format or text	•	Contents	: measurement parameter, measurement data
format			

6.4. Settings

6.4.1. LAN Settings

Click [Setting] -> [R LAN Setting...] to display the "LAN Setting" dialog box.

Enter the Host Name of the instrument you wish to connect with and click [OK].

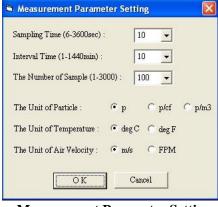
You can also set the Host Name using [Search] (Refer to <u>3.5</u> <u>Search Function</u>).

6.4.2. Measurement Parameter Settings

Click [Setting] -> [Measurement Parameter Setting...] to display "Measurement Parameter Setting" dialog box.

Configure the remote measurement parameter settings in the "Measurement Parameter Setting" dialog box shown on the right. Refer to the settings table below.

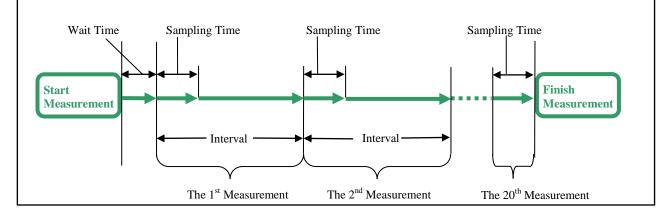
Setting Item	Setting Contents
Sampling Time	Set sampling time in seconds.
	Key input: Integer 6~3600
	Select: 6, 8, 10, 30, 60, 300, 600, 1200
Interval Time	Set interval time in minutes.
	Key input: Integer 1~1440
	Select: 1, 5, 10, 20, 30, 60, 120, 180
The Number of Samples	Key input: Integer 1~30000
	Select: 1, 10, 60, 120, 300, 600, 1200, 3000
The Unit of Particle	Set the unit of particle to be used; p, p/cf or m ³
The Unit of Temperature	Set the unit of temperature to be used;
	deg C or deg F
The Unit of Velocity	Set the unit of air velocity to be used;
	m/s or FPM

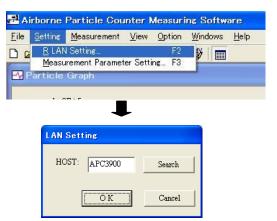


<Measurement Parameter Setting>

(Please refer to your instrument manual for further information on measurement settings.)

<Measurement Parameter Explanatory Drawing>





💤 Airborne Particle Counter Measuring Software

ile	Setting	<u>Measurement</u>	View	Option	Wind	ows	Hel
1	R LAN	VSetting		F2	1		
	<u>M</u> easu	irement Paramet	er Setti	ng F3			_
A	And in case of the local division in which the local division in which the local division in which the local division is not the local division in the loc	0					

6.5. Remote Measurement

NOTE: The instrument must be placed in "REMOTE MODE" when running this program. (Please refer to the instrument manual for further directions.)

Both the PC running the software and the Airborne Particle Counter must be connected to the LAN and properly configured in order to access the Airborne Particle Counter remotely via PC.

6.5.1. Start/End Measurement

1) To Start a Measurement

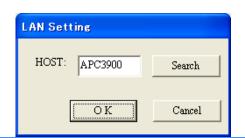
Click [Measurement] -> [Measurement] or the M icon to start a measurement.

💤 Airborne Particle Counter Measuring Software								
<u>F</u> ile <u>S</u> etting	<u>M</u> easurement	⊻iew	<u>O</u> ption	Window	s <u>H</u> elp			
🗅 🚅 🗏 🍯	<u>M</u> easuremen		F5					
	Measuremen	t <u>S</u> top	Ctrl+F	5				
M Particle	<u>R</u> emote Mod	e Cance	əl					

If the LAN is not connected properly or the HOST cannot be found after one minute, the error message shown on the right will be displayed.



If a LAN connection error occurs, confirm the settings on the Airborne Particle Counter and the software settings (Refer to 6.4.1. LAN settings).



Option Windows

<u>H</u>elp

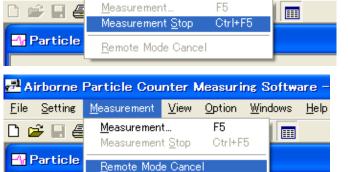
2) To End a Measurement

Click [Measurement] -> [Measurement Stop] or the M icon. A dialog box appears asking "Are you sure you want to stop measurement?" Click [Yes] to stop measurement. Data collected up to the point the measurement was stopped will be stored.

3) To Cancel Remote Mode

Click [Measurement] -> [Remote Mode Cancel] to cancel the remote mode on the instrument.

NOTE: If you cancel the remote mode on the instrument, you will need to place the instrument back in remote mode before you can begin another measurement (Please refer to the instrument manual for further directions).



🚰 Airborne Particle Counter Measuring Software

Measurement View

<u>File</u> <u>Setting</u>



6.5.2. Measurement

Measurement Control:

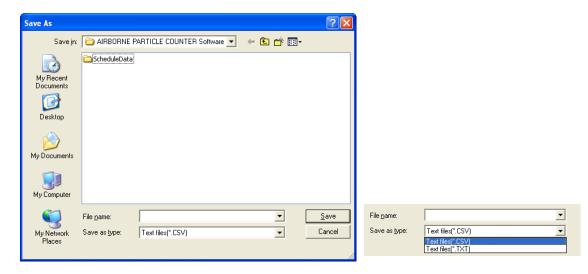
During a measurement, the program performs measurement timing control, turns the Airborne Particle Counter pump on and off, and downloads data.

Data Display:

During a measurement, you can display the time series graph and data table in real time. (Refer to **<u>6.6 Remote Measurement Data Display</u>**.)

6.5.3. Measurement Data Storage

Specify the destination to save data manually after measuring.



After completing a measurement, you can specify a file name and destination for the saved data. Data can be saved as ".CSV (Microsoft Excel comma-delimited character file)" or ".TXT".

For example, if you enter "Test" as a data file name and choose to save it as ".CSV", the data is saved as "Test.KRM" and "Test.CSV". Also, if you choose to save it as ".TXT", the data is saved as "Test.KRM" and "Test.TXT".

<If an in-progress measurement is interrupted>

If the PC is shut down unintentionally or the power goes out, data can be recovered.

Data for incomplete measurements is saved as a "temp.KRM" file in the folder where the software is stored (Default location is: "C\:Program Files\KANOMAX\APC3900").

You can open this file with "Measuring Software" and save it under a different name.

6.6. Remote Measurement Data Display

6.6.1. Data Display Format

The following table shows the display formats used by the Particle & THVP Graphs:

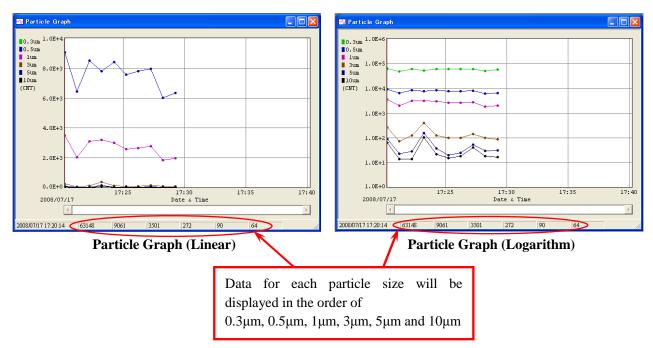
	Unit	Display Format	Example
Particle	p, p/cf, p/m ³	<10000 : XXXX	2568
Particle	p, p/ci, p/m	≥ 10000 : X. XXXE + X	1.256E + 5
Temperature	deg C, deg F	XXX. X	26.5
Humidity	%	XXX. X	75.3
Air Velocity	m/s, FPM	X. XXX	0.652

6.6.2. Particle Graph

To display the particle graph, go to [View] -> [Time Series Graph] -> [Particle] or click in on the tool bar.

1) Particle Graph Window

Graphs are available with two types of vertical axis; linear and logarithm.

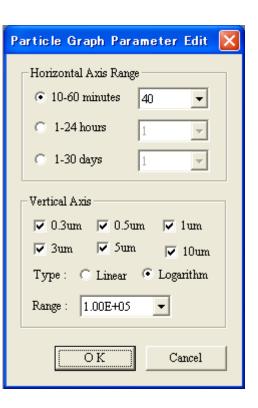


In the above windows, you can scroll the graph using the scroll bars. If you move the cursor over the graph it will change to a red bar. As you position the bar over a particular time (shown on the X axis), the particle count shown at the bottom of the graph will update to reflect the measurement data under the bar's current location

While a measurement is in progress, the graph cursor functionality and the scroll bars are disabled.

2) Particle Graph Parameter Settings

To edit the Particle Graph Parameter Settings, click [View] -> [Graph Parameter Edit] -> [Particle], or click and the tool bar to display the "Particle Graph Parameter Edit" dialog box shown on the right. Then configure the Particle Graph Parameter Settings.



The following table lists the settings you may choose for the Particle Graph Parameters:

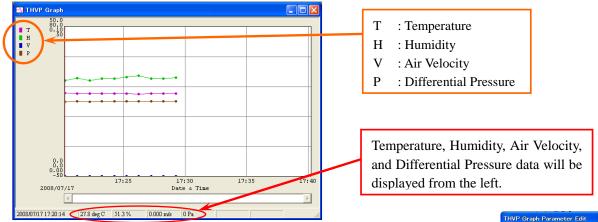
Setting Item	Settings
Horizontal axis (time axis) range	Select a range from below:
setting	10min, 20min, 30min, 40min, 50min, 60min
	1~24 hours – on an hourly basis
	1~30 days – on daily basis
Displayed items on Vertical axis	Up to 6 different particle size (0.3, 0.5, 1, 3, 5, 10 μ m) can be displayed
	on the same graph.
Types of vertical axis	Select Linear or Logarithm
Vertical axis display range	Select a range from below;
	Linear:
	10, 20, 50, 100, 200, 500, 1000, 2000, 5000,
	1.00E+04, 1.00E+05, 1.00E+06, 1.00E+07, 1.00E+08, 1.00E+09
	Logarithm:
	10, 100, 1000,
	1.00E+04, 1.00E+05, 1.00E+06, 1.00E+07, 1.00E+08, 1.00E+09

6.6.3. Temperature, Humidity, Air Velocity and Differential Pressure Graph

To display the TVHP graph, go to [View] -> [Time Series Graph] -> [Particle] or click 💾 on the tool bar.

1) THVP Graph Window

Only a linear type is available for the vertical axis for a THVP graph.



In the above window, you can scroll the graph using the scroll bars. If you move the cursor over the graph it will change to a red bar. As you position the bar over a particular time (shown on the X axis), the THVP count shown at the bottom of the graph will update to reflect the measurement data under the bar's current location.

· 10-60 1	Axis Rar	40		-
		40		_
C 1-24 h	ours	1		-
C 1-30 d	ays	1		v
T(deg C)	Max.	•	Min.	•
H(%)	10	•	0	-
V(m/s)	0.1	•	0.0	•
P(Pa)	100.0	•	-200.0) 🔻

2) THVP Graph Parameter Setting

To edit the THVP graph parameter settings, click [View] -> [Graph Parameter Edit] -> [THVP...] to display the right dialog box, or click in the tool bar.

S	Setting Item		Settings
Horizontal axis	(time axis) range	e setting	Select a range from below:
			10min, 20min, 30min, 40min, 50min, 60min
			1~24 hours – on an hourly basis
			1~30 days – on daily basis
Vertical axis	Temperature	Max	Select: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50
display range	(deg C)	Min	Select: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45
	Temperature	Max	Select: 40, 50, 60, 70, 80, 90, 100, 110, 120, 130
	(deg F)	Min	Select: 30, 40, 50, 60, 70, 80, 90, 100, 110, 120
	Humidity	Max	Select: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
	(%)	Min	Select: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90
	Air Velocity	Max	Select: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0
	(m/s)	Min	Select: 0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9
	Air Velocity	Max	Select: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0
	(FPM)	Min	Select: 0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9
	Differential	Max	Select: 200, 150, 100, 50, 0, -50, -100, -150, -200
	Pressure (Pa)	Min	Select: 200, 150, 100, 50, 0, -50, -100, -150, -200

*Refer to <u>6.4.2 Measurement Parameter Settings</u> if you want to change the unit of temperature or air velocity used for measuring.

6.6.4.Data Table

Data values are listed in chronological order in the data table window. The window is resizable.

Date & Time	LPC Status	0.3um(CNT)	0.5um(CNT)	lum (CNT)	3um (CNT)	5um (CNT)	10un (CNT)	T(deg C)	H(%)	V(m/s)	I
2008/07/17 17:20:14	0K	63148	9061	3501	272	90	64	27.8	51.3	0.000	
2008/07/17 17:21:14	OK	48466	6448	2039	73	23	14	27.7	52.5	0.000	
2008/07/17 17:22:14	0K	59952	8512	3122	125	29	14	27.7	51.3	0.000	
2008/07/17 17:23:14	OK	51749	7803	3196	400	155	105	27.7	52.4	0.000	Т
2008/07/17 17:24:14	0K	60148	8415	2996	125	37	22	27.7	52.3	0.000	
2008/07/17 17:25:14	OK	59015	7583	2591	98	20	15	27.6	53.2	0.000	Т
2008/07/17 17:26:14	OK	60042	7812	2656	101	25	18	27.5	53.8	0.000	Т
2008/07/17 17:27:14	0K	60536	7966	2771	146	54	41	27.6	52.4	0.000	Т
2008/07/17 17:28:14	OK	49601	6025	1860	102	30	18	27.7	52.4	0.000	Т
2008/07/17 17:29:14	OK	56172	6359	1965	88	31	17	27.7	52.9	0.000	

To display the measuring data table, go to [View] -> [Data Table Display] or click 📰 on the tool bar.

6.7. Other Functions

6.7.1. Switching Languages

You can switch the language between English and Japanese by clicking [Option] on the menu bar.

🛃 Airborne Particle Counter I	vleasuri	ng Softw	are
<u>File S</u> etting <u>M</u> easurement <u>V</u> iew	Option	<u>W</u> indows	Help
D 😅 🖬 🎒 🕎 M 🛃	r <u>J</u> apar I✓ <u>E</u> nglis	nese	
	-		

6.7.2. Windows Arrange

Click [Windows] -> [Windows Arrange] to display the graph windows and data table window.

<u>File S</u> etting <u>M</u> easurement <u>V</u> iew Option	<u>W</u> indows	<u>H</u> elp
) 🚅 🗐 🎒 🔤 M 🛛 🚝 👹 🖉	✓ <u>S</u> tandar	d Arrange
	Window	s <u>A</u> rrange
Mr Particle Graph	✓ 1 Measu	uring Data Table
	<u>2</u> THVP	' Graph
0.3um 1.0E+5	<u>3</u> Partic	le Graph
0.5um	-	

If [Standard Arrange] is checked, the graph and data table window will automatically resize when you change the main window size.

If [Window Arrange] is checked the graph and data table windows will not automatically resize if the main window size is changed.

You may check or uncheck [Measuring Data Table], [THVP Graph] and [Particle Graph] to show or hide the respective windows.

6.7.3. Software Version

Click [Help] -> [About] to check the software version information as shown below.



6.7.4. Printing Function

To print the current active graph or data list, click [File] -> [Print], or click

on the tool bar.

7.User Management Software

Use the User Management Software to manage users, measurement data, and log data on the instrument.

7.1. When You First Start Software

Both the PC running the software and the Airborne Particle Counter must be connected to the LAN and properly configured in order to access the Airborne Particle Counter remotely via PC.

7.1.1. Start Screen

When the software starts, the "User Authentication"

window will be displayed.

If you are starting the software for the first

time, no user is registered.

Enter [administrator] for User ID,and [1234] for Password.

(This user ID and password will be disabled automatically after registering a new user.)

👺 Users Management Software					
<u>F</u> ile <u>U</u> ser					
File Name	File ID	Date of Measurement	User of Measurement	Approve1	Approve2
		thentication			
	Loca	l User			
	User	ID:			
	Pass	word:			
		ОКС	ancel		
		Downloa	ad Decrypt	Approve1	Approve2

7.1.2. Specifying Data Storage Folder and USB Memory Drive Name

Select [File]->[Setting] to specify the Data storage folder, and the card drive name.

[Data storage folder]

Enter the path for the location data files will be saved to (Example: C:\Program Files\KANOMAX\3900 Data Storage), or click [...] to select a folder.

[Drive Name of USB Memory]

Select a USB Memory drive name from the list of drives recognized by the computer.

7.1.3. Registering a New Local User

When starting the software for the first time, <u>be sure to register one or more local users</u> with [Manage Users] right.

To register a new local user, click [User] ->[Local], then click [Register].

In the "Information" tab, enter the following: User Name (1 to 52 alphanumeric characters),

User ID (4 to 16 alphanumeric characters), Password (4 to 16 alphanumeric characters), Confirm Password,

Company/Division (up to 100 characters), and Memo (up to 100 characters).

Passwords expire every 180 days. If a password expires, the User ID will become invalid until a new password is set.

In the "Qualification" tab, you may specify the following user rights:

Manage Users: allows a user to register a new user, and edit or delete registered users. Without this right, a user can only edit their own password. Decrypt: allows a user to decrypt stored data. Approval1: allows a user to give their approval as "Approval1" to a stored data file. Approval2: allows a user to give their approval as "Approval2" to a stored data file. (NOTE: If an item is checked, the user will be granted that right.)

User Ma	anagement			
	User Name	User ID	Password Expiration	_
1	User Name	User ID	rassword Expiration	
2				
2				
			Register	Edit

User Information			
User No. 1			
Information Qualification			
User ID: Password: Confirm Password: Company/Division: Merno:			
			Delete
		ОК	Cancel
User Information			
User No. 1			
User No. 1	1		
User No. 1 User Name Kanomax Information Qualification]		
User No. 1 User Name Kanomax Information Qualification I Manage Users			
User No. 1 User Name Kanomax Information Qualification Manage Users Decrypt	1		
User No. 1 User Name Kanomax Information Qualification V Manage Users Decrypt Approval1	1		
User No. 1 User Name Kanomax Information Qualification Manage Users Decrypt			
User No. 1 User Name Kanomax Information Qualification V Manage Users Decrypt Approval1			Delete

After all user information and qualifications have been entered, click [OK] to register a new user or click [Cancel] to discard the current user data. The "User Management" window then appears, displaying a list of all currently registered users.

If you wish to register another new user, click [Register].

You do not need to register all the users the first time you use the software. A user with [Manage Users] rights can register a new user at any time.

7.2. Starting Software After Registering Local Users

7.2.1. Starting Software

When the software starts, the "User Authentication" window will be displayed.

Enter the User ID and Password of a registered local user to start the software.

File Name	File ID	Date of Measurement	User of	0	0
File Name	File ID	Date of Measurement	Measurement	Approve1	Appr
		Ithentication			
		ll User			
	User	ID:			
	Pass	word:			
		ОКСС	ancel		

When an expiration date on a password draws near, the following messages will be displayed. It is recommended that you change an expiring password as soon as possible.

When the password will expire in 6 to 10 days	When the password will expire in 5 days
Users Management Software	Users Management Software X Your password will expire in 5 days.
When the password will expire in a day	When the password has already expired
Users Management Software 🔀	Users Management Software
Your password expires today.	This password has already been expired.
ОК	OK

Click [OK]. If the password has not expired, the main screen will be displayed.

If the password has expired, the "Set Password" window will be displayed.

Enter the current password in the "Old password" box, and a new password in the "New password" and the "Confirm new password" boxes.

Click [OK] to check the old password and save a new password. Then, the main screen will be displayed.

Click [Cancel] to discard changes and return to the "User Authentication" window.

Set Password	
Old password:	
New password:	
Confirm new password:	
ОК	Close

When a registered user starts the software, the files in the [Data storage folder] are displayed as shown on the right.

The [Decrypt], [Approval1], and [Approval2] buttons are automatically enabled or disabled, depending on the user's rights.

File Name	File ID	Date of Measurement	User of Measurement	Approve1	Approve2	
CO20100910094631.dat	Data File	9/11/2010 1:46:31 AM	administrator	taro		
CO20100914091458.dat	Data File	9/15/2010 1:14:58 AM	administrator		taro	
IN20100910094727.dat	Data File	9/11/2010 1:47:27 AM	administrator			
IN20100917164858.dat	Data File	9/18/2010 8:48:58 AM	saito			
IS20100910100557.dat	Data File	9/11/2010 2:05:57 AM	administrator			
IS20100917132245.dat	Data File	9/17/2010 1:22:45 PM	saito		Saito	
log20100916.dat	LOG File	8/22/1970 12:35:16 AM				
log20100921.dat	LOG File	8/22/1970 12:35:21 AM				

File Name	File ID	Date of Measurement	User of Measurement	Approve1	Approve2	
CO20100910094631.dat	Data File	9/11/2010 1:46:31 AM	administrator	taro		
CO20100914091458.dat	Data File	9/15/2010 1:14:58 AM	administrator		taro	
IN20100910094727.dat	Data File	9/11/2010 1:47:27 AM	administrator			
N20100917164858.dat	Data File	9/18/2010 8:48:58 AM	saito			
IS20100910100557.dat	Data File	9/11/2010 2:05:57 AM	administrator			
IS20100917132245.dat	Data File	9/17/2010 1:22:45 PM	saito		Saito	
og20100916.dat	LOG File	8/22/1970 12:35:16 AM				
log20100921.dat	LOG File	8/22/1970 12:35:21 AM				

7.2.2. Download Button

The [Download] button transfers measurement data or log files from the instrument to the computer. The transferred data will be saved in the folder specified in [Data storage folder] (Refer to <u>7.1.2 Specifying</u> <u>Data Storage Folder and USB Memory Drive Name</u>).

Click [Download] to display the "File Transfer" window.

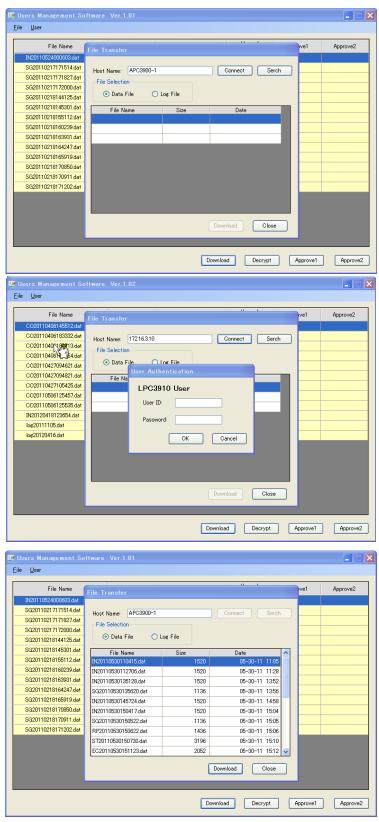
Enter the Host Name of the instrument you wish to connect to, and click the [Connect].

If you can not connect to the instrument by entering the Host Name, click [Search] to check if the instrument is connected to the LAN.

(Refer to 3.5 Search Function.)

Enter the User ID and Password as registered in the instrument. The User ID must have administrative rights or [Copy Files] rights in the instrument.

Click [OK] to authenticate the user. When the connection is completed, the data list in the instrument will be displayed.



Under the "File Selection", you can switch between [Data File] and [Log File].

File Name	File Transfer			we1	Approve
IN20110524000603.dat					
SG20110217171514.dat	Host Name: APC3900-1	1	Connect Ser	ch	
SG20110217171827.dat	-File Selection				
SG20110217172000.dat					
SG20110218144125.dat	🔿 Data File 🤇	🕑 Log File			
SG20110218145301.dat	File Name	Size	Date		
SG20110218155112.dat	log20110530.dat	5464	05-30-11 17:2	7	
SG20110218160239.dat	log20110531.dat	5736	05-31-11 17:2	6	
SG20110218163931.dat	log20110601.dat	10224	06-01-11 23:2	6	
SG20110218164247.dat	log20110602.dat	4240	06-02-11 21:5	5	
SG20110218165919.dat					
SG20110218170850.dat					
SG20110218170911.dat					
SG20110218171202.dat					
			Download Close		

Select a file to transfer, and click [Download]. When the download is finished, the message "The file has finished downloading" will be displayed. Click [OK].

To transfer another file, repeat the above procedure.

When finished, click [Close] to exit the "File Transfer" window. A list of transferred files will be displayed.

<u>U</u> ser				
File Name	File Transfer	11 /	we1	Approve2
SG20110218144125.dat				
SG20110218145301.dat	Host Name: APC3900-1	Connect	Serch	
SG20110218160239.dat	File Selection			
SG20110218164247.dat				
SG20110218165919.dat	🔿 Data File 🛛 💿 L	log File		
SG20110218170850.dat	UpLoad/DownLoad			
SG20110218170911.dat				
SG20110218171202.dat	Please wait while the	e wizard downloads file of Data or	Log.	
ST20110510134901.dat	Users	Management Software 🔀		
	The f	file has finished downloading.		
	log20110613.dat	24912 06-13-11	17:19	
	log20110614.dat	17840 06-14-11	18:27	
	log20110615.dat	25592 06-15-11	18:32 🐱	
		Download CI	lose	
		Download Decry;	ot Approve1	Approve

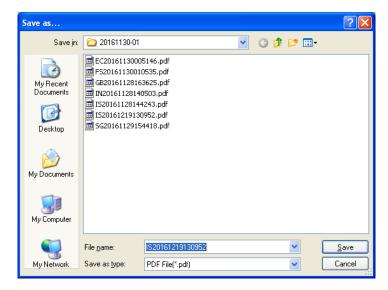
7.2.3. Decrypt Button

A user with [Decrypt] rights can decrypt measurement data. Select a file to decrypt, and click [Decrypt].

First, the "Save as" dialog box to save files in PDF format appears. Enter the file name and click [Save].

The data will be saved in PDF format.

To exit without saving in PDF format, click [Cancel].



When the saving is completed, a dialog box asking if you want to save the file in CSV format will appear.

Click [Yes] to display the "Save as" dialog box to save files in CSV format. .

Enter the file name and click [Save]. The data will be saved in CSV format.

To exit without saving in CSV format, click [Cancel].

Save as							? 🔀
Savejn:	C APC3900		*	G 💋) p	•	
My Recent Documents	🖬 log20100921.cs	v					
Desktop							
My Documents							
y My Computer							
	File <u>n</u> ame:				*		<u>S</u> ave
My Network	Save as <u>t</u> ype:	CSV File(*.csv)			*		Cancel

7.2.4. Approval1/Approval2 Button

A user with [Approval1] or [Approval2] rights can approve measurement data. Select a file to approve, and click [Approval1] or [Approval2].

A dialog box appears asking if you approve. Click [OK] or [Cancel].

If you click [OK], your approval will be registered to the file. If you click [Cancel], the main screen will be displayed.

User					
File Name	File ID	Date of Measurement	User of Measurement		
CO20100910094631.dat	Data File	9/11/2010 1:46:31 AM	administrator	taro	
CO20100914091458.dat	Data File	9/15/2010 1:14:58 AM	administrator		taro
IN20100910094727.dat	Data File	9/11/2010 1:47:27 AM	administrator	-	

7.2.5. User Management [3910 Online]

If the software is started by a user with [Manage Users] rights, you can register, edit, and delete users registered in the instrument. Download the user file from the instrument to register, edit, or delete users. After registering, editing, or deleting users, upload the user file to the instrument.

Click [User]->[3910 Online] to open the "File Transfer" window. Enter the Host Name of the instrument you wish to connect with, and click [Connect].

If you can not connect to the instrument by entering the Host Name, click [Search] to check if the instrument is connected to the LAN. (Refer to <u>3.5 Search Function</u>.)

File Transfer	
Host Name: ∠File Selection	172.163.10 Connect Serch
🖲 Data F	
File Na	User Authentication
	User ID:
	Password:
	OK Cancel
	Download Close

File Transfe	r				
Host Name: APC3900-1 Connect Serch File Selection Data File Log File File Name Size Date					
File N	ame	Size	Date		
				_	
				- 11	
			Download	Close	

The "User Authentication" window will be displayed. Enter a User ID and Password for the administrator registered in the instrument. Click [OK] to authenticate the user. When the connection is completed, the user list from the instrument will be displayed.

• Download

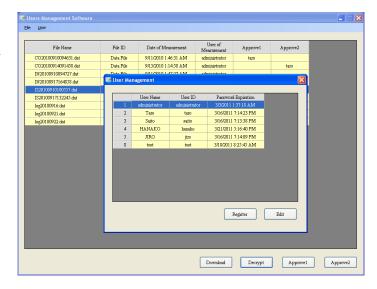
Select a file, and click [Download] to start downloading.

File Transfer Host Name: APC3900-1 File Selection		Connect Serch)
File Name	Size	Date	
Users.dat	3104	06-06-11 15:20	
	(Download Close	

When the download is finished, the message "The file has finished downloading" will be displayed. Click [OK].

File Name	File Transfer	Approve2
IN20110524000603.dat		
log20110530.dat	Host Name: APC3900-1 Connect Serch	
SG20110217171514.dat	File Selection	
SG20110217171827.dat		
SG20110217172000.dat	Data File Log File	
SG20110218144125.dat	UpLoad/DownLoad	
SG20110218145301.dat		
SG20110218155112.dat	Please wait while the wizard downloads file of 'User list'.	
SG20110218160239.dat	Users Management Software 🔀	
SG20110218163931.dat		
SG20110218164247.dat	The file has finished downloading.	
SG20110218165919.dat	OK Cancel	
SG20110218170850.dat		
SG20110218170911.dat		
SG20110218171202.dat		
ST20110607162304.dat		
	Download Close	

The user list is displayed and you can register a new user or edit existing users.



•Registering a new user

Click [Register] to register a new user.

You can specify user information and authorization settings.

In the "Information" tab, enter:

User Name (1 to 52 alphanumeric characters), User ID (4 to 16 alphanumeric characters), Password (4 to 16 alphanumeric characters), Confirm Password, Company/Division (up to 100 characters), Memo (up to 100 characters)

(Reminder: Passwords expire every 180 days.)

If [Administrator] is checked, the user will	be
granted administrative rights. In this case,	all
the Authorization settings are checked	
and displayed in gray as shown below.	

ΟK

Cancel

User Information

9

Information Authorization

🗹 (Administrator)

User No.

User Name

User Informatio	n 9
User Name	
Information	Authorization
User ID:	
Password	t:
Confirm P	assword:
Company	/Division:
Memo:	
	Delete
	OK Cancel

	User Information
checked, the user will be e rights. In this case, all ngs are checked as shown below.	User No. 9 User Name
	Administrator
Manage Users Access Control Panel Change Measurement Mode Copy Files	Delete OK Cancel
v Opy His v Delete Files v View Logs	Delete

If [Administrator] is unchecked, you may specify

the user rights individually by checking off each box for the right(s) you wish to assign as shown to the right.

User Information	
User No. 9	
Information Authorizati	on Manage Users Access Control Panel Change Measurement Mode Copy Files Delete Files View Logs
	Delete OK Cancel

[Description of rights in the instrument]

Access Control Panel: The user is authorized to change settings in the control panel Change Measurement Mode: The user is authorized to switch measurement modes Copy Files: The user is authorized to copy measurement files and log files Delete Files: The user is authorized to delete measurement files and log files View logs: The user is authorized to view log files

When finished assigning rights, click [OK] to save the settings or [Cancel] to discard the changes.

•Edit

To edit an existing user, select the user name and click [Edit].

The user information will be displayed.

Edit the items as necessary, and click [OK] to save the changes or [Cancel] to discard the changes.

User Information	User Information
User No. 5 User Name JIRO Information Authorization	User No. 9 User Name JIRO Information Authorization
User ID: iio Password: www. Confirm Password: www. Company/Division: 123 Memo: abcdefg Delete DK. Cancel	Administrator Manage Users Access Control Panel Change Measurement Mode Copy Files Delete Files View_Logs Delete OK Cancel

• Delete

To delete an existing user, select the user name and click [Edit].

The user information will be displayed.

Click [Delete] and a dialog box appears asking if you want to delete the user.

Click [OK] to delete the user or [Cancel] to leave the user as is.

Use	er Informati	ion		
	User No.	5		
	User Name	JIRO]
	Information	Authorization		
	User ID	:	jiro	
	Passwo	rd:	NHNN	
	Confirm	Password:	NNN	
	Compar	y/Division:	123	
	Memo:		abcdefg	
				Delete
				OK Cancel

•Upload

To upload user data from a PC to an instrument click the [X] button on the user list window, to display the "File Transfer" window. (NOTE: The file transfer screen will only appear if you have registered a new user or edited an existing user. Otherwise you will be returned to the main screen when you close the user list window.)

Enter the Host Name of the instrument you wish to connect with, and click [Connect].

If you can not connect to the instrument by entering the Host Name, click [Search] to check if the instrument is connected to the LAN. (Refer to <u>3.5 Search Function</u>.)

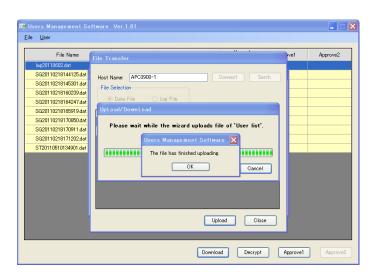
The "User Authentication" window will be displayed. Enter a User ID and Password with administrative rights or [Copy Files] rights as registered in the instrument.

Click [OK] to authenticate the user. When the connection is completed, the user data list in the PC will be displayed.

Host Name: APC3900-1 File Selection Data File 0 L	.og File	Connect Serch	
File Name	Size	Date	
		Upload Close	

Select a file, and click [Upload] to start uploading.

When the upload is finished, the message "The file has finished uploading" will be displayed. Click [OK].



7.2.6. User Management [3910 USB Memory]

If the software is started by a user with [Manage Users] rights, you can register, edit, and delete user information stored on a USB Memory.

Click [User]->[3910 SD Card], a dialog box appears displaying drives specified in [Drive Name of USB Memory].

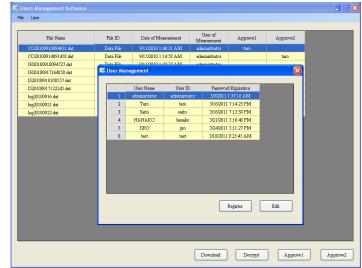
(Refer to 7.1.2 Specifying Data Storage Folder and USB Memory Drive Name.)

Select a user list file, and click [Open]. (By default this file is Users.dat located in the PARAM folder.)

When the file is open, the user list will be displayed.

You can register and edit users here just as you would in [User]->[3910 Online].

(Refer to <u>7.2.5. User Management [3910</u> <u>Online]</u> for instructions on registering, editing and deleting users.)



7.2.7. User Management [Local]

If the software is started by the user with [Manage Users] right, you can register, edit, and delete users registered in the PC.

The user without [Manage Users] right can only change the password for logged-in users.

[When the user with [Manage Users] right logs in]

If you click [User]->[Local], the list of registered users will be displayed.

1 1 2	🖉 Users Management Software 📃 🔲 🗙							
Fil	e User							
Г	File Name	File ID	Date of Me		User of	Approve1	Approve2	
					Measurement		Approvez	
	CO20100910094631.dat	Data File	9/11/2010 1>		administrator	taro		
-	CO20100914091458.dat	Data File	9/15/2010 1::		administrator		taro	
	IN20100910094727.dat	Data Rila	0(1)(0010.1-	47-77 AM	administrator			
	IN20100917164858.dat	🞼 User Mai	nagement					
	IS20100910100557.dat							
	IS20100917132245.dat		User Name	User ID		d Expiration		
	log20100916.dat	1	Taro	taro		2:26:13 PM		
	log20100921.dat	2	Saito	saito		1 3:00:28 PM		
	log20100922.dat	3	Hanako	hanako	3/24/2011	5:38:29 PM		
				_				
						Register	Edit	
						Register	Ean	
		_						
-								
	Download Decrypt Approve1 Approve2							

•Registering a new user

Please refer to **7.1.3 Registering a New Local User**.

User Information	User Information
User No. 4 User Name	User No. 4 User Name
Information Qualification	Information Qualification
User ID: Password: Confirm Password:	Manage Users Decrypt Approval1
Company/Division:	Approval2
Memo:	
Delete OK Cancel	Delete DK Cancel

•Edit

To edit an existing user, select the user name and click [Edit].

The user information will be displayed.

Edit the items as necessary, and click [OK] to save the changes or [Cancel] to discard the changes.

User Information	User Information
User No. 3 User Name Hanako	User No. 3 User Name Hanako
User Name Hanako	User Name Hanako
User ID: hanako Password:	☐ Manage Users ✓ Decrypt
Confirm Password:	I Deciya ✓ Approval1
Company/Division: 123456	Approval2
Memo: ABCD	
Delete	Delete
OK Cancel	OK Cancel

• Delete

To delete an existing user, select the user name and click [Edit].

The user information will be displayed.

Click [Delete] and a dialog box appear asking if you want to delete the user.

Click [OK] to delete the user or [Cancel] to leave the user as is.

15.			
User In	formation		
Use Use	No. 3 Name Hana	ko	
Info	ormation Qualifi	cation	
	User ID:	hanako	
	Password:	NNNNN	
	Confirm Passwo	rd: *****	
	Company/Divis	ion: 123456	
	Memo:	ABCD	
			Delete
			OK Cancel

•Exit

Click the [X] button to close the user list window, and the main screen will be displayed.

[When the user without [Manage Users] right logs in]

If you click [User]->[Local], the edit window of logged-in users will be displayed.

•Edit

You can only change passwords.

Change a password when the password will expire soon.

Click [OK] to save the changes or [Cancel] to discard the changes.

File Name	File ID	Date of Measurement	User of Macaumment	Approve1	Approve2	
CO20100910094631.dat	User Informati	User Information				
CC02100914091438.aka IN20100910004727.dat IN20100917164838.dat IS2010091100557.dat IS201009112.auX46.aka Iog20100921.dat Iog20100922.dat	User ID: Passwoi Confirm F					
			OK	Delete Cancel		

•Exit

Click [OK] or [Cancel], and the main screen will be displayed.

8. Miscellaneous Notes

If you forgot the password(s) for all local users with [Manage Users] rights, please contact us for assistance.



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