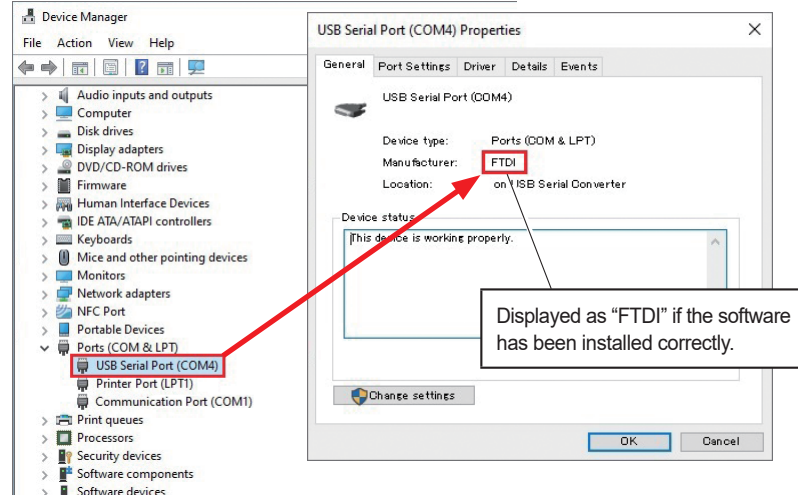# HAKKO Quick Manual Electrostatic Management System for FG-465

■What to do immediately after installation
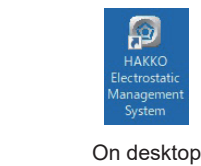
USB port connection

(1) Connect the PC and FG-465 with the USB cable included with FG-465.
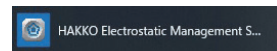(2) Confirm the "USB Serial port" COM number on the Device Manager.

Note Use the Windows Search or right-click the start button to select Device Manager.

Displayed as "FTDI" if the software has been installed correctly.
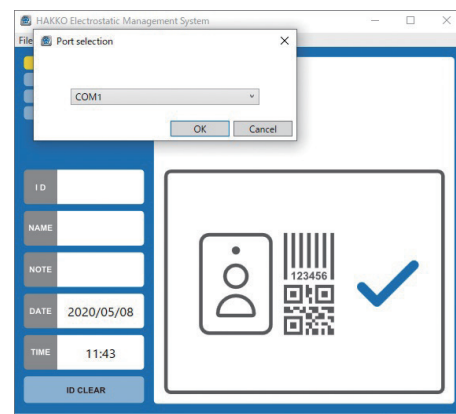
(3) Launch the software.

On desktop

Select from app list

(4) Select the COM number confirmed in (1).

Note The following window is displayed when the software is launched for the first time.

Password setting

(1) Open one item from the Management menu immediately after installation.
(2) You will be required to set a password.
(3) Set your password.

Note - Once the password is set, you will be required to input your password when applying changes to the Management menu. Securely store your password.
- Reinstall the software if you forgot your password.

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■Menu list

File

Port selection
Used for initial settings and port reconnection.

Reconnect
Used to reconnect FG-465 and PCs.

Exit
Used when exiting software.

Setting

Language: Japanese/English/Chinese
Select one of these languages.

FG-470 Connection: Yes/No
Select [Yes] if you want to connect FG-470.
Note An optional connecting cable is required.

ID Input: Yes/No
If [Yes] is selected, "ID" and "NAME" input becomes available. (Figures 2 and 3)
If [No] is selected, input only to "NOTE" will be available. (Figure 1)

Name auto input: Yes/No
If [Yes] is selected, "NAME" is automatically displayed simply by manually inputting an ID. (Figure 2)
If [No] is selected, "ID," "NAME," and "NOTE" must be input manually. (Figure 3)

ID Input device: USB (HID)/FeliCa (IDm)
Select an input device you want to use.
Note Simultaneous input from USB-HID devices is available even if FeliCa is selected.

Management

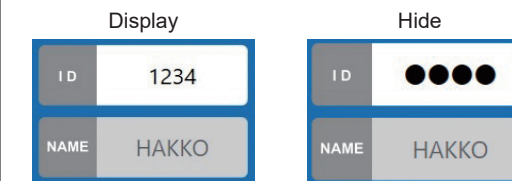**File storage location: Record file/Backup file/Name registration file**
File location can be changed from the location where installed.
(Refer to "Instruction Manual 2-1 File Type")

Create backup file: Yes/No
Select [No] if unnecessary.

ID display: Display/Hide
Select [Hide] if unnecessary.

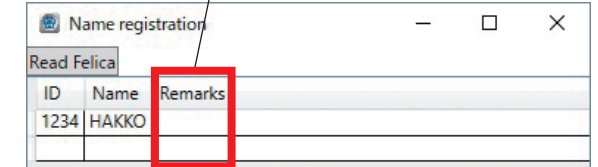| Display	Hide
ID 1234 / NAME HAKKO	ID ●●●● / NAME HAKKO

Change password
You can change passwords.

Name registration: Registration/Import/Export
To automatically display "NAME" when ID is manually input, select [Registration] and register. (Figure 4)
Registration by importing existing data is available.
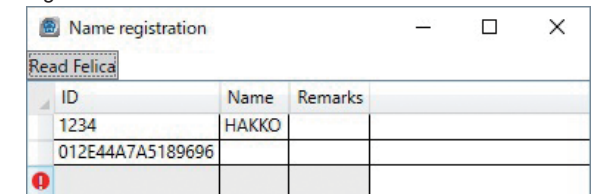Exporting of registered data is also available.

Data output by registered user
Enables extraction of data by specifying ID, pass/fail results, and period from record files. (Figure 5)

Freely input content.
Not displayed on the screen.
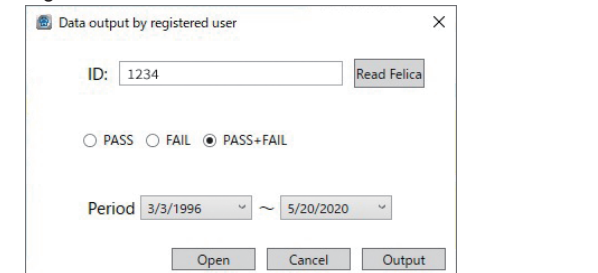Not saved on the record file.

Figure 4-1

- Adding an ID and pressing the [enter] key moves the cursor to the next row. Input through an ID input device selected in the Setting menu is also available.
- You can delete selected rows with the [delete] key.
- An error will occur if an invalid ID (blank/duplicate) is input.
- Maximum number of ID that can be registered is 10,000.
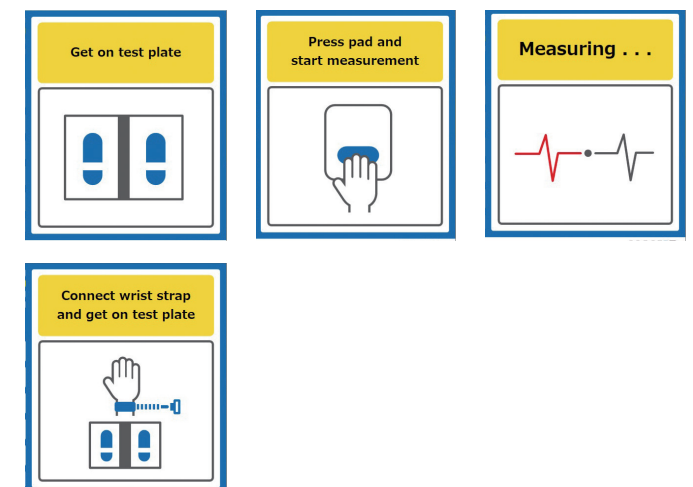- Refer to "Instruction Manual 7-5-1 Registration" for details.

Figure 4-2

- An error mark is displayed when reading with FeliCa fails. In this case, stop the procedure and start from the beginning.

Figure 5

Figure 1
Setting Menu
ID Input: No
Name auto input: Not selectable

Figure 2
Setting Menu
ID Input: Yes
Name auto input: Yes

Manual input unavailable

Figure 3 (Initial Screen)
Setting Menu
ID Input: Yes
Name auto input: No

Perform measurements following the instructions displayed here. (Initial Screen)

Enter/read your ID

These displays are linked.

Example of measurement instructions or during measurement

Get on test plate | Press pad and start measurement | Measuring . . .

Connect wrist strap and get on test plate

Example of measurement result

Result PASS | Result FAIL | Result PASS