Data Management Software CL-S10w
Ver.1.1
Instruction Manual
Safety Warning
Please read this manual and the instrument and computer manual carefully beforehand and use the software properly and safely.

Official name of the applications used in this manual
(Notation in the main text) (Official name)
Windows, Windows XP Microsoft® Windows® XP Professional Operating System
Windows, Windows 7 Microsoft® Windows® 7 Professional Operating System
Excel Microsoft® Excel®

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Firstly
CL-S10w is a utility software that allows the CL-500A spectroradiometer or CL-200/CL-200A chromameter to be connected to a PC and provides graphic representation of the measurements on the PC.
The data could be loaded into Excel via initiating the Excel Add-Ins.
This document is aimed at those who have already mastered basic Excel operations.

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Operation flow

Start

Installation of CL-S10w

Setting of the Excel Add-Ins

Installation of USB device driver

Preparation of the Excel Sheet

Instrument selection

Setting of measurement conditions

Actual measurement

Edit, save, etc. of Excel sheet

End

Please refer to the installation guide.

Memo

If the PC has power management capabilities:
When the PC enters a power saving mode while it is connecting to the instrument, communications may fail. In such a case, unplug the connection cable once and plug it again; then perform “Model selection” via CL-S10w.
Measurement Example

Explanation of method of measurement using a template.

1. Preparation of Excel sheet

Select Start Menu - All programs - KONICAMINOLTA - CL-S10w - Template to open the template.

Select “Measure_Trend” Sheet.

2. Instrument selection

(1) Select “CL-S10w” on the menu bar (at the bottom of “Add-Ins” for Excel 2007) and click on “Select Instrument”. The model selection screen will open.

(2) Selecting the model you are about to connect to the PC

<When connected to CL-200A>
Set the COM port assigned to the “USB Serial Port” of the Device Manager which the device driver has been installed.
Please refer to the installation guide for further details.

<When connected to CL-200>
Set the COM port which has been assigned to the computer’s serial port (usually COM1) or the RS-USB adapter.

(3) Click OK when the settings are done.

3. Setting of the measurement conditions

(1) Select the “CL-S10w” on the menu bar, (In Excel 2007, “CL-S10w” is at the bottom of “Add-Ins”), click on “Measure...” and the measurement screen will open. When CL-S10w starts Excel and opens the measurement screen for the first time, it checks the instrument model connected to the PC (and heads and CF settings when the connected model is CL-200/CL-200A) for consistency. The more the number of connected heads is, the longer the time required for the check is.

(2) Open the “Condition” tab of the measurement screen and uncheck the “Show title” of “Options” tab.

(3) Select cell B23 in Excel.

4. Start Measurement

Click on the Measurement [Start] button.
The measurement will begin and the measured data will be added to the cell.
The linked trend graph (time series chart) will be shown.
The above diagram is the displayed example for Excel 2007. For Excel 2003, please select “CL-S10w” from the menu bar.
Measurement Screen

1-1. Setting of Measurement Condition

These settings are reflected on the instrument.

- **User Calibration info** -
  These fields show custom calibration information.
  “User calibration channel”:“ID” and time stamp

- **Illuminance Units** -
  Selection of lx or fcd is possible.

- **Observer** -
  2° viewing angle (CIE 1931)
  10° viewing angle (CIE 1964)

- **Meas. Time** -
  FAST : The exposure time is 0.5 sec.
  SLOW : The exposure time is 2 sec.
  AUTO : The exposure time is automatically adjusted (between 0.5 to 27 sec) depending on the illuminance of the light source.
  S-FAST : The exposure time is 0.2 sec.

- **User Cal. CH** -
  This field lists the available user calibration channels (“User calibration channel”:“ID”)

- **Options** -
  - When checked
    Show title : Title is attached to the heading of the measured data.
    Confirm overwrites : The measurement will not start if there is already data in the cell to be written in. (A message will be displayed.)
    Move cursor after meas. : The cursor will move when data is added.
    Update in same place : The data in the same position will be updated without adding a row.
    Add data by a col unit : The data is added so that the number of columns increases. (If this is unchecked, the data is added so that the number of rows increases.)
## Measurement Screen

### 1-1. Setting of Measurement Condition

**CL-S10w**

Settings stored in the instrument remain unchanged. Settings made on a setting screen have effect only on CL-S10w. When using the instrument solo, change the settings directly on the instrument.

<table>
<thead>
<tr>
<th><strong>- Illuminance Units -</strong></th>
<th>Selection of lx or fcd is possible.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>- Observer -</strong></td>
<td>The viewing angle of CL-200/CL-200A is fixed at 2°. This is not adjustable.</td>
</tr>
<tr>
<td><strong>- CF mode -</strong></td>
<td>This field is active when the instrument is CL-200/CL-200A.</td>
</tr>
<tr>
<td>(Normal)</td>
<td>Factory calibrated with standard illuminant A used as the light source</td>
</tr>
<tr>
<td>S (Multi)</td>
<td>Factory calibrated with standard illuminant A used as the light source</td>
</tr>
<tr>
<td>CF (CF Normal)</td>
<td>Custom calibrated with CL-200/CL-200A</td>
</tr>
<tr>
<td>CF S (CF Multi)</td>
<td>Custom calibrated with CL-S10w (RGB calibration/WRGB calibration/one-point calibration)</td>
</tr>
</tbody>
</table>

**- Options -**

- **Show title**: Title is attached to the heading of the measured data.
- **Confirm overwrites**: The measurement will not start if there is already data in the cell to be written in. (A message will be displayed.)
- **Move cursor after meas.**: The cursor will move when data is added.
- **Update in same place**: The data in the same position will be updated without adding a row.
- **Add data by a col unit**: The data is added so that the number of columns increases. (If this is unchecked, the data is added so that the number of rows increases.)
• The settings on CL-S10w, CL-200/CL-200A body are as listed in the table below. There are 2 regions below where the CF value is written in the CL-200/CL-200A.

A: The region where the correction factor from CL-200/CL-200A is written
B: The region where the correction factor from CL-S10w is written

The correction factor in CL-S10w is written in region B in both single-color calibration and RGB calibration.

<table>
<thead>
<tr>
<th>CF Mode</th>
<th>CL-200A Appearance on the top of the display (Switch with CF key)</th>
<th>CL-200 Appearance on the top of the display (Switch with CF key)</th>
<th>Calibration Mode (Switch using CAL Mode switch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- (Normal)</td>
<td>- (Blank cell)</td>
<td>- (Blank cell)</td>
<td>NORM.</td>
</tr>
<tr>
<td>S (Multi)</td>
<td>S</td>
<td>- (Blank cell)</td>
<td>MULTI</td>
</tr>
<tr>
<td>CF (CF Normal)</td>
<td>CF</td>
<td>CF</td>
<td>NORM.</td>
</tr>
<tr>
<td>CF S (CF Multi)</td>
<td>CF S</td>
<td>CF</td>
<td>MULTI</td>
</tr>
</tbody>
</table>

• To use multiple factors separately, please follow the steps below.

Only one region is written with the factor to CL-200/CL-200A from CL-S10w. (Region B mentioned above)

① During custom calibration, check the Save File check box and save the file.

By saving the file, overwriting will occur during setting conditions, and the correction factors could be used. The need for correction every time will be unnecessary.

② Press [Select and write cal. file to CL-200A/CL-200... ] when setting measurement conditions to commence overwrite.

The factor written into the CL-200/CL-200A cannot be confirmed, so it is advisable to commence overwrite every time.

By using the factor calibrated to the object to be measured, a more precise measurement could be obtained.
Measurement Screen

1-2. Setting of Measurement Condition (Device) CL-500A

The instrument tab allows you to upload data from the instrument to the PC and save it as a file, or to download the filed data to the instrument.

- **User Calibration (CF)** -
  Enabled when the instrument is CL-200/CL-200A

- **Upload** -
  **Upload data from CL-500A...** button
  Pressing this button uploads the data stored in the instrument and displays it in Excel format.
  The “Date & Time” column shows time stamps generated by the instrument.

- **Rank** -
  **Select and write rank file to CL-500A...** button
  Using this button allows you to select a file (.scl file) and assign the rank list to CL-500A.
Measurement Screen

1-2. Set the items of the imported data (Device) CL-200/CL-200A

The instrument tab allows you to upload data from the instrument to the PC and save it as a file, or to download the filed data to the instrument.

- **User Calibration (CF)** -

  **Save cal. file from CL-200A/CL-200... button**

  Pressing this button opens the “Save as” screen where the CF file can be saved as a CF file (.cfm file). “CF mode: CF S (CF Multi)” is selected in CL-S10w.

  **Select and write cal. file to CL-200A/CL-200... button**

  The CF value for multi calibration in CL-200/CL-200A could be set by designating the file (file extension: .cfm). Also the settings on CL-S10w are ‘CF: ON’, ‘CAL Mode: S/CFS (Multi)’.

  **Memo**

  The number of Heads to be controlled and the set CF values are the same so there is a need to arrange the serial number of the heads and CF values in the same order in the file.

- **Upload** -

  Enabled when the instrument is CL-500A.

- **Rank** -

  Enabled when the instrument is CL-500A.
Measurement Screen

1-3. Set the items of the imported data

The settings of the CL-200/CL-200A body cannot be modified.

- **Data No.** Others
  - The data of the checked items will be imported into Excel.

- **Select Item** button
  - Pressing this button opens the measurement item selection screen. Items selected on this screen are listed on the limit setting screen.

- **Tolerance** button
  - Pressing this button opens the measurement item selection screen. Items selected on this screen are listed on the limit setting screen.

### Setting of Tolerance

#### Device (Head)

Select the serial No. of the device (head for CL-200/CL-200A) for which you are about to set the limits.

#### Tolerance

- Please enter the upper and lower limits of the tolerance. Blank spaces will not be taken into calculation.

- **Copy to all devices (heads) button**
  - Pressing this button copies the limits of the device (head) currently selected to all the devices (heads). (The instrument itself is not capable of limiting the measurement ranges.)

---

**Memo**

**About the Tcp [K] and Tcp [K] (JIS)**

Tcp [K]: Though the color temperature computing algorithm that Konica Minolta adopted for CL-200/CL-200A is similar to JIS, a high speed computing algorithm is adopted to speed up calculation time.

Tcp [K] (JIS): Color temperature which uses the formula designated by JIS Z 8725.

There might be a slight difference in the values of Tcp [K] between Tcp [K] (JIS) in some cases. The margin of error of the chromatic range of the color temperature calculable designated by JIS Z 8725 between the Tcp [K] (JIS) based values and Tcp [K] values are within ±3%.

The error falls within ±1% in almost all color temperature areas excluding high temperature areas. When the color temperature exceeds 1900 [K], the error may be larger than ±2%.
Measurement Screen

1-4. Select the Head that will measure the data.

The serial No. of the device (head for CL-200/CL-200A) appears. Check the check boxes of the devices (heads) you are about to use for measurement.

**Update button**

When CL-S10w opens the measurement screen or CF screen for the first time, it checks the instrument model connected to the PC (and heads and CF settings when the connected model is CL-200/CL-200A) for consistency. If you change the connection status of the instrument or perform custom calibration on the instrument, press the **Update** button.

---

Memo

The serial No. field highlighted in yellow denotes that the instrument needs to be zero-calibrated. This applies to CL-500A only. Press the **Zero Calibration** button. (This button is not displayed for CL-200/CL200A.)
Measurement Screen

1-5. The settings can be managed by a file

- Configuration file -
This measurement screen (consisting of a measurement frame, condition tab and data tab) allows you to set measurement conditions, measurement ranges (upper/lower limits) and other parameters and to save/load the settings as a configuration file.

Clear button
The designated configuration files (file extension: .txt) will be cleared.

Save button
The current contents will be saved as a configuration file (file extension: .txt). The contents of the configuration files will be reflected every time the measurement screen is opened.

Load button
Designate the configuration file (file extension: .txt). The contents of the configuration files will be reflected every time the measurement screen is opened.

- Rank list file -
The Rank file created in Rank List Setting screen can be loaded. From this, the rank according to the chromatic range could be differentiated.

Clear button
The designated Rank List File (file extension: .scl) is cleared.

Save button
The Rank List File (file extension: .scl) is designated. The contents of the Rank List File are shown. It is also shown after CL-S10w is rebooted.
Measurement Screen

1-6. Start measurements

The content of this field changes depending on the setting of Meas. Time (for CL-500A) or CF mode (for CL200/CL-200A).

**Simple screen button**

The simple measurement screen is shown when pressed.

- **Mode**
  Select Spot measurement or Interval measurement.

- **Interval**
  Set the Times and Interval of the measurement.

**Transfer data using CL-500A/CL-200A key**

- When it is checked, CL-S10w enters into transfer mode.
  This feature is enabled when CL-500A is used or only one head is connected to CL-200A.
  Pressing the measurement button of CL-500A or the [D-OUT] button of CL-200A transfers the data to the Excel sheet. Data transfer from CL-200A depends only on the settings stored in the instrument, no matter what settings are made via CL-S10w. Also, by pressing the Hold button of CL-200A body during transfer mode, the items of the color table could be edited. The differentiation function of the tolerance is not applied.

**Detailed screen button**

When pressed, the detailed screen is shown.

**Spot measurement**

1. Please select spot mode.
2. Please press the Measurement **Start** button.
   The data of a measurement will be shown in the Excel sheet.

**Interval measurement**

1. Select Interval mode.
2. Enter the times and interval (sec).
   - Times : 1-100,000
   - Interval (sec) : 0-3,600 (When set to 0, it becomes continuous measurement.)

**Memo**

There are cases whereby the actual measurement time is longer than the interval set.

3. Press the Measurement **Start** button.
   The data of the set number of measurements will be shown for every measurement done in the Excel sheet.
   The data will be added to the selected cells.
   Press **Stop** button to stop the interval measurement.

**Without set Tolerance range**

**Within set Tolerance range**

<table>
<thead>
<tr>
<th>Data No.</th>
<th>Date &amp; Time</th>
<th>Serial No.</th>
<th>x(0)</th>
<th>y(0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2010/04/11 14:02:21</td>
<td>78030005</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>2</td>
<td>2010/04/11 14:02:21</td>
<td>78030006</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>3</td>
<td>2010/04/11 14:02:24</td>
<td>78030007</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>4</td>
<td>2010/04/11 14:02:24</td>
<td>78030008</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>5</td>
<td>2010/04/11 14:02:24</td>
<td>78030009</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>6</td>
<td>2010/04/11 14:02:24</td>
<td>78030010</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>7</td>
<td>2010/04/11 14:02:24</td>
<td>78030011</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>8</td>
<td>2010/04/11 14:02:24</td>
<td>78030012</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>9</td>
<td>2010/04/11 14:02:24</td>
<td>78030013</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
<tr>
<td>10</td>
<td>2010/04/11 14:02:24</td>
<td>78030014</td>
<td>0.0214</td>
<td>0.0214</td>
</tr>
</tbody>
</table>
User calibration screen

2. This screen allows you to perform user calibration on CL-500A.

-Serial No.-
This screen lists the serial Nos. of the connected instruments. When multiple instruments are connected, this screen appears after the serial Nos. are selected.

User calibration information of the connected instrument (user calibration channel, ID and time stamp) is displayed.

1. Select the user calibration channel you wish to use.
2. Press the Level Calibration... button.
The level calibration screen will appear.
3. Press the Measure button.
Measurements will be made and graphic representation (blue line) of the level calibration data will be provided. (Average of three measurements)
4. Enter the data you wish to incorporate, in the reference data list.
Data in the clipboard can also be pasted (shortcut: ctrl+V) here.
Using the load button allows you to load a stored file (.lrv file) without entering the data.
Using the save button allows you to save the data as a reference data file (.lry file).
Pressing the Entry button gives graphic representation (green line) of the contents of the reference data list.
5. Enter an ID for the level calibration data. (Up to 12 alphanumeric characters)
6. Press the Cal. button.
A coefficient will be determined depending on the reference data and be set in CL-500A as a correction factor.
If the correction factor exceeds 1000, it is rounded down to 1000.

Save in PC button
Pressing this button opens the “Save as” screen where the CF value for the selected user calibration channel is saved as a CF file (.cfl file).

Load button
Select a correction factor file (.cfl file).
The contents of the selected correction factor file reflects the selected user calibration channel.
Select a correction factor file (.cfl file).
The contents of the selected correction file reflects the selected user calibration channel.

Edit ID button
The ID edit screen will appear. This screen allows you to edit the ID of the selected user calibration channel. (Up to 12 alphanumeric characters)

Clear button
The information on the selected user calibration channel will be cleared.
User calibration screen

2. This screen allows you to perform user calibration on **CL-200/CL-200A**

1 - Head -
   - The serial number of the connected head is shown.
   - Check the head that is to be user calibrated.

2 - Select calibration -
   - Please select calibration mode.

3 Please press the **OK** button
   - The user calibration screen of the selected calibration mode is shown.

4 Please select the serial number of the head to be calibrated.
   - The serial number of the head will be shown.

5 Please press the **Measure** button.
   - The measurement of all the connected heads will begin and the data of the selected heads will be shown. (Average of three measurements)

6 Please enter the Calibration Set Data.
   - All the selected set values of the heads will be copied to all the heads when **Copy To All Head** button is pressed.

7 Please press **Cal.** Button.
   - The correction factor (CF value) will be calculated with the entered calibration set data and set as the multi calibration CF value in CL-200/CL-200A.

**Memo**

- When **Save File** is checked, the 'Save as...' screen will appear when **Cal.** is pressed and the CF file (file extension: cfm) can be saved.

---

**User Calibration Setting**

<table>
<thead>
<tr>
<th>Head</th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
<th>07</th>
<th>08</th>
<th>09</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Select Calibration**

- Single-color

CL-S10w will check the CF value of the connected heads of CL-200/CL-200A body when the measurement screen or the CF settings screen is opened. Press the **Update** button when the connection of the heads is changed after the connection check or when the CL-200/CL-200A is custom calibrated.
**Rank List Setting screen**

**3-1. Select the Rank List**

- **Add... button**
  The edit rank screen will appear when pressed. A new rank will be created and added to the list. A maximum of 20 ranks could be added to the list. (Refer to 3-2. Adding and editing Ranks)

- **Edit button**
  The edit rank screen will appear when pressed. (The edit screen will appear also when the rank in the list is double-clicked.) Edit the selected rank. (Refer to 3-2. Adding and editing Ranks)

- **Delete button**
  The selected rank will be deleted when pressed.

- **Save File**
  When Save File is checked, the ‘Save As...’ screen will appear when **OK** is pressed and the rank list file (file extension: scl) can be saved. Also it will be reflected when CL-S10w is started up again.

- **Zoom**
  When checked, the graph scale of the selected ranks in the list could be enlarged in the displayed region.

---

**Load button**
Designate the Rank List file (file extension: scl). Saved Rank List files are loaded and shown. A chromacity selection Rank List file is prepared as a sample template. It is placed in the Template folder under where CL-S10w is installed. (Example)C:/Program Files/KONICAMINOLTA/CL-S10w/Template/Fluorescent_Lamp.scl

<table>
<thead>
<tr>
<th>No.</th>
<th>Rank name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

☑ The checked number rank will be selected for differentiation.

**Memo**
In case of overlapping chromacity range, the smaller numbered rank shall be differentiated first.

The selected rank will be shown on the list.

**Up button**
Moves the selected rank up.

**Down button**
Moves the selected rank down.
**Edit Rank screen**

**3-2. Adding and editing Ranks**

The Edit Rank screen will appear when the **Add** or **Edit** button is pressed.

**Name**

Enter the rank name. (Up to 40 characters)

**Chroma - - Tcp(JIS) -**

Enter x, y or Tcp, dUV and press the **Add** button to add the chroma points to the list below. 3-10 chroma points could be added to the list.

- 0.000 < x < 1.000
- 0.000 < y < 1.000
- 2,000 ≤ Tcp ≤ 50,000
- -0.03 ≤ dUV ≤ 0.03

**Edit button**

When pressed, the Edit Color screen is shown. (The edit screen will also appear when the chroma point in the list is double-clicked.)

Edit the selected chroma point.

**Delete button**

When pressed, the selected chroma point is deleted.

**Zoom**

☑ When checked, the graph scale of the entered chroma points could be enlarged in the displayed region.

The chroma points are drawn connected sequentially in a straight line.
Template

There are pre-installed templates in CL-S10w.
'Measure_Trend' Sheet/ 'Measure_uv' Sheet/ 'Ranking' Sheet

The Template is placed in the Template folder under where CL-S10w is installed.
(Example) C:/Program Files/KONICAMINOLTA/CL-S10w/Template
Select the KONICAMINOLTA — CL-S10w — Template from the All Programs of the Start Menu to activate the template.

'Measure_Trend' Sheet

1. Uncheck Show title in the Options area and select Data No., Serial No., Ev[x], x, y, Tcp[K], and duv.
   This selection can be done easily by loading the “Template_Trend.txt” file in the Template folder.

2. Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.
Uncheck Show title in the Options area and select Data No., Serial No., Ev[x], u', v', Tcp[K] and duv.

This selection can be done easily by loading the “Template_uv.txt” file in the Template folder.

Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.

Uncheck Show title in the Options area and select Data No., Serial No., Ev[x], x, y, Tcp[K], duv and Rank.

This selection can be done easily by loading the “Template_Rank.txt” file in the Template folder.

Assign the rank list, place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.
Other template examples

“Color rendering index” sheet of color rendering index “Template_CRI.xls”

1. Uncheck Show title in the Options area and select Data No., Serial No., Ev[ix], x, y, Tcp[K], duv, Peak Wavelength, Ra and R1-R15. This selection can be done easily by loading the “Template_CRI.txt” file in the Template folder.

2. Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the [Start] button.

“Spectral” sheet of spectro graphing “Template_Spectral.xls”

1. Uncheck Show title in the Options area and check Add data by a col unit. Select Data No., Serial No., Ev[ix], x, y, Tcp[K], duv, Peak Wavelength and Spectral. This selection can be done easily by loading the “Template_Spectral.txt” file in the Template folder.

2. Place the cursor in the cell directly to the right of the “No.” cell in the Excel sheet and click on the [Start] button.
“Measure_Trend5” sheet of 5-point measurement template “Template_Multi_5.xls”

1. Uncheck Show title in the Options area and select Data No., Serial No., Ev[x], x, y, Tcp[K] and duv.
2. Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.

“Measure_ANSI lumen 13” sheet of 13-point measurement template “Template_Multi_13.xls”

1. Enter the “area” for determining the ANSI lumen value.
2. Uncheck Show title in the Options area and select Data No., Serial No., Ev[x], u’, v’, Tcp[K] and duv.
3. Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.

First set the Excel macro security level at “Medium” as follows:
1. Select “Option” from “Tool” in the menu bar.
   - The “Option” dialog will appear.
2. Click on “Security” and click on the Macro security button.
   - The “Security” dialog will appear.
3. Select “Medium” in the “Security level” tag and click on the OK button.
4. Click on the OK button in the “Option” dialog.

Note that the macro security level setting is saved in Excel. Change the macro security level setting as appropriate when running applications other than CL-S10w.
Uncheck Show title in the Options area and select Data No., Serial No., Ev[ lx], x, y, Tcp[K], duv and Rank.

Place the cursor in the cell directly under the “No.” cell in the Excel sheet and click on the Start button.