

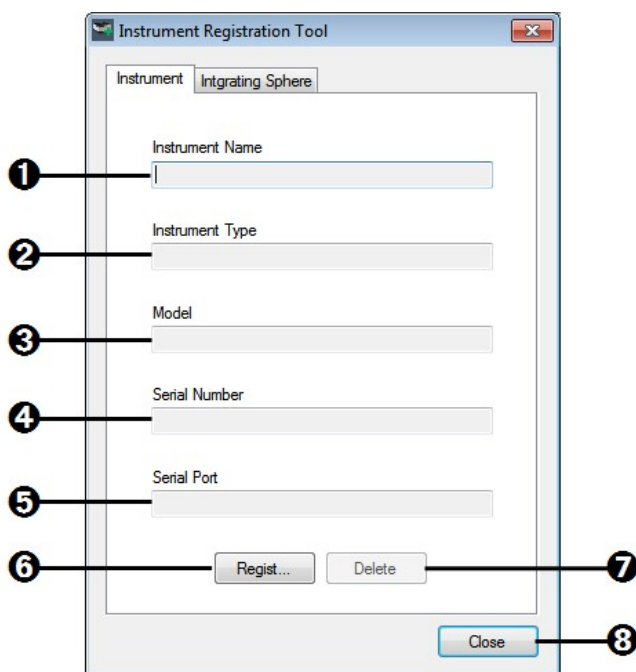
# 13 Tools

- [13.1 Instrument Registration Tool](#)
- [13.2 Spectrum Correction Function Measurement Tool](#)

## 13.1 Instrument Registration Tool

- [13.1.1 \[Instrument\] Tab](#)
- [13.1.2 \[Integrating Sphere\] Tab](#)

### 13.1.1 [Instrument] Tab

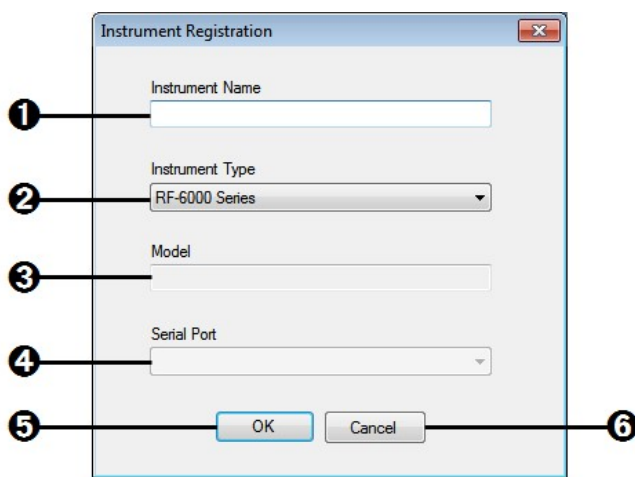


[Instrument Registration Tool] Window ([Instrument] Tab)

No.	Item	Description
①	[Instrument Name]	Displays the instrument name of the registered spectrofluorophotometer.
②	[Instrument Type]	Displays the model name of the registered spectrofluorophotometer.
③	[Model]	Displays the type name of the registered spectrofluorophotometer.

④	[Serial Number]	Displays the serial number of the registered spectrofluorophotometer.
⑤	[Serial Port]	Displays the configured serial port number only when an RF-5300 series instrument is registered. <b>Hint</b> This corresponds to the COM port on the PC connected to the instrument with an RS-232C cable.
⑥	[Regist] / [Edit]	Displays the window for registering and editing instrument information. <b>Reference</b> <a href="#">"[Instrument Registration] window"</a>
⑦	[Delete]	Delete the currently registered instrument information.
⑧	[Close]	Confirm the settings made and close the [Instrument Registration Tool] window.

■ [Instrument Registration] window

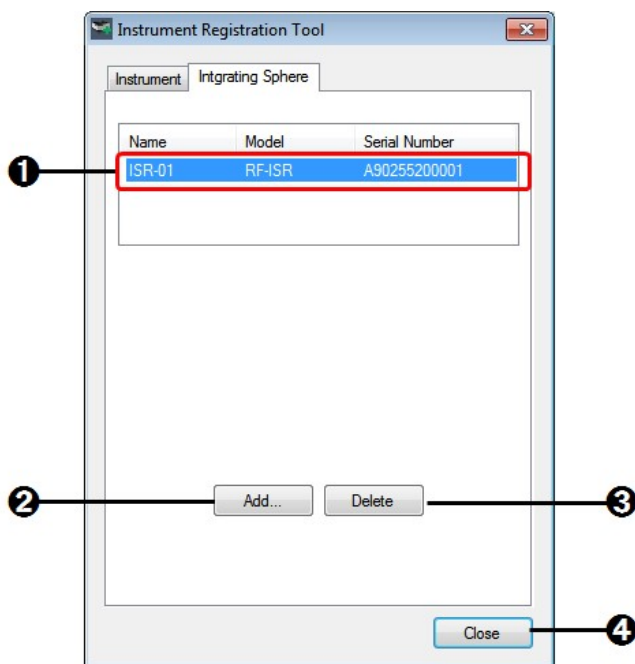


[Instrument Registration] Window

No.	Item	Description
①	[Instrument Name]	Enter the instrument name of the connected spectrofluorophotometer. Normally enter the name used on the system or a control number used to differentiate the instrument from other instruments. If the instrument does not have any particular name, enter the type name.
②	[Instrument Type]	Select the model of the connected spectrofluorophotometer. <ul style="list-style-type: none"> <li>• RF-5300 Series</li> <li>• RF-6000 Series</li> </ul>
③	[Model]	Enter the type name when connecting to a RF-5300 series instrument. The type name is indicated on the nameplate attached to the instrument and in the instruction manual. <b>Hint</b> The type name is read automatically when connecting to an RF-6000 series instrument.
		Displays the serial port (COM port) number of the PC connected to

<b>4</b>	[Serial Port]	the instrument with an RS-232C cable only when an RF-5300 series instrument is registered. <b>Hint</b> The pull-down list displays the currently available serial port numbers.
<b>5</b>	[OK]	Confirm the settings made and close the [Instrument Registration] window.
<b>6</b>	[Cancel]	Cancel any settings made and close the [Instrument Registration] window.

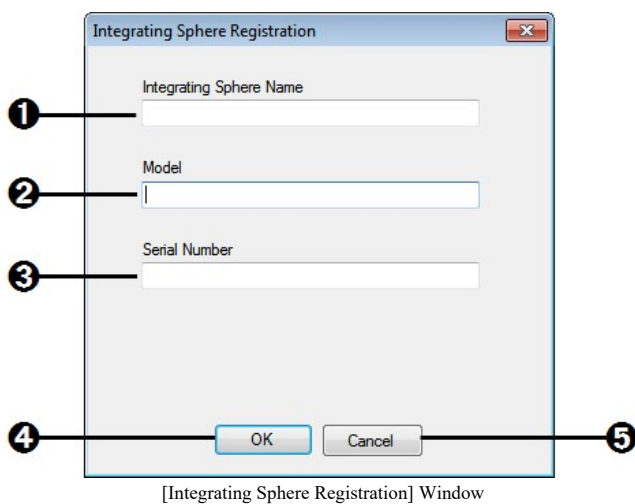
### 13.1.2 [Integrating Sphere] Tab



[Instrument Registration Tool] Window ([Integrating Sphere] Tab)

No.	Item	Description
<b>1</b>	Registration list	Displays information on registered integrating spheres.
<b>2</b>	[Add]	Display the window for registering and editing integrating sphere information. <b>Reference</b> <a href="#">"[Integrating Sphere Registration] Window"</a>
<b>3</b>	[Delete]	Delete the integrating sphere information selected in the registration list.
<b>4</b>	[Close]	Confirm the settings made and close the [Instrument Registration Tool] window.

#### ■ [Integrating Sphere Registration] Window



No.	Item	Description
①	[Integrating Sphere Name]	Enter the instrument name of the integrating sphere for registration. Enter any instrument name, such as the name used on the system or a control number used to differentiate the integrating sphere from other integrating spheres. If the integrating sphere does not have any particular name, enter the type name.
②	[Model]	Enter the model name of the integrating sphere for registration. The type name is indicated on the nameplate attached to the integrating sphere and in the instruction manual.
③	[Serial Number]	Enter the serial number (indicated on the nameplate attached to the instrument) of the integrating sphere for registration.
④	[OK]	Confirm the settings made and close the [Integrating Sphere Registration] window.
⑤	[Cancel]	Cancel any settings made and close the [Integrating Sphere Registration] window.

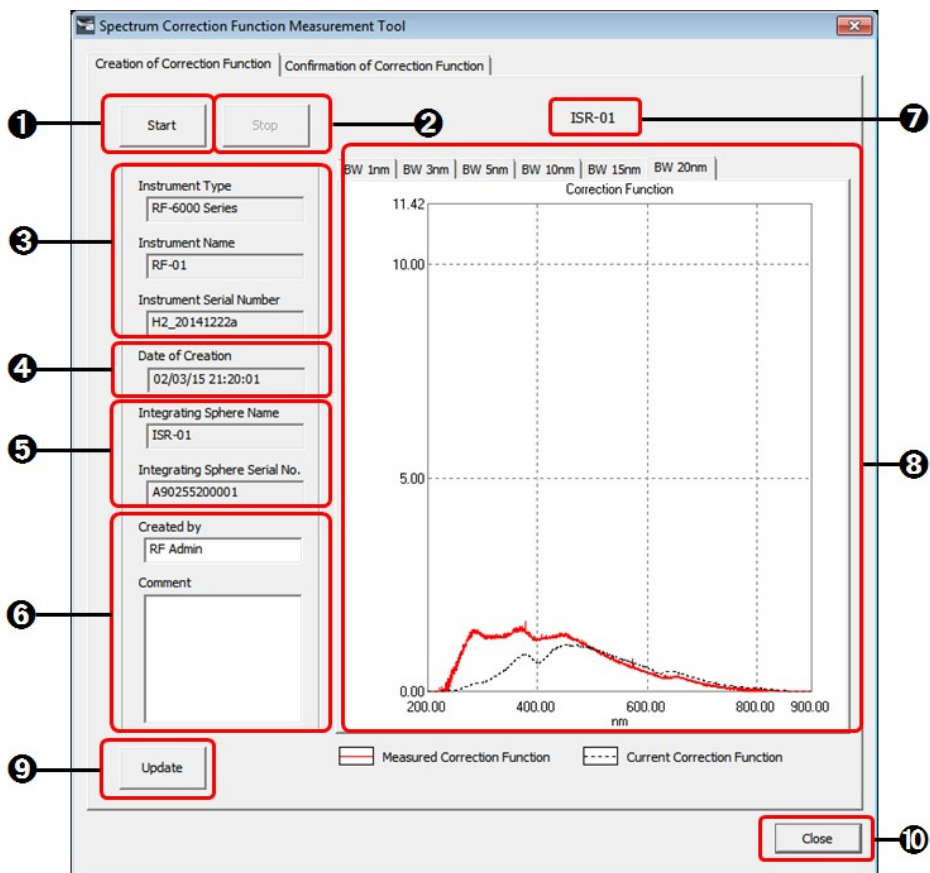
## 13.2 Spectrum Correction Function Measurement Tool

- [13.2.1 \[Creation of Correction Function\] Tab](#)
- [13.2.2 \[Confirmation of Correction Function\] Tab](#)

### 13.2.1 [Creation of Correction Function] Tab

When only one integrating sphere is registered, correction function measurement is performed for this integrating sphere.

When multiple integrating spheres are registered, first select the target integrating sphere with [Integrating Sphere Name] (⑤) in the integrating sphere information.



[Spectrum Correction Function Measurement Tool] Window ([Creation of Correction Function] Tab)

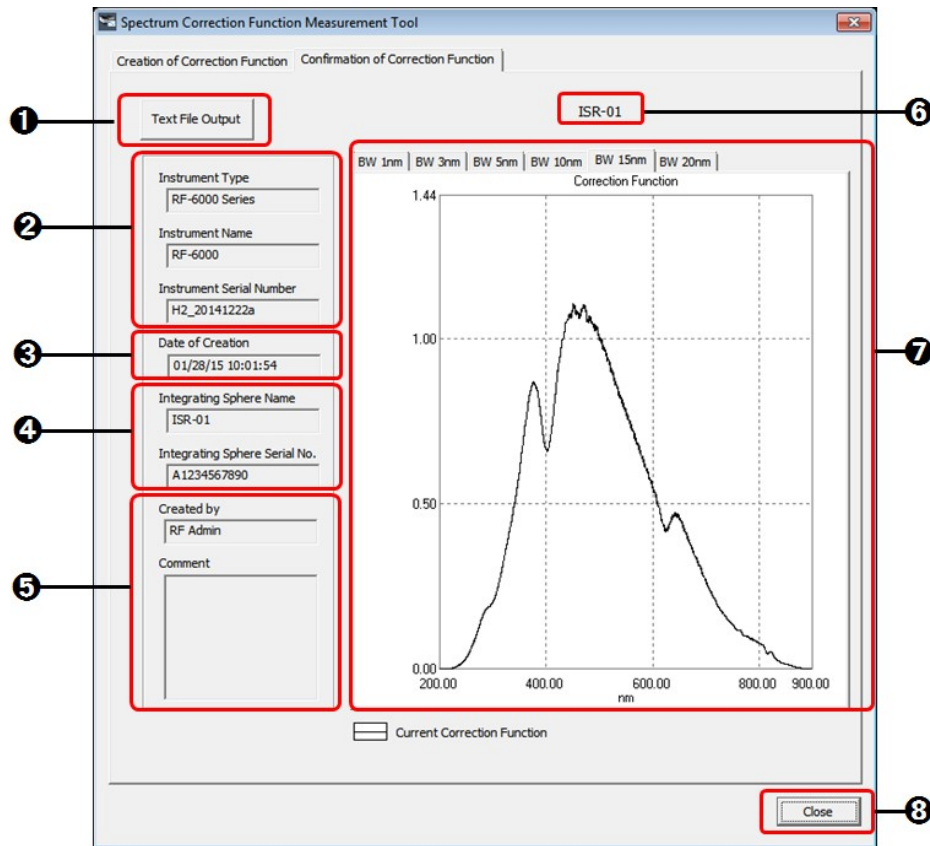
No.	Item	Description
1	[Start]	Connect to the instrument and start correction function measurement for the integrating sphere. When measurement is complete, communication with the instrument is disconnected automatically.
2	[Stop]	Stop correction function measurement and disconnect from the instrument. The aborted measurement data is discarded.
3	Instrument information	Displays the instrument name, model name, and serial number of the registered spectrofluorophotometer.
4	[Date of Creation]	When measurement is started, the date and time are retrieved and displayed. This is recorded as the creation date and time of the created correction function.
5	Integrating sphere information	Displays the name and serial number of the integrating sphere targeted for correction function measurement. When multiple integrating spheres are registered, select the target integrating sphere with [Integrating Sphere Name].
6	Correction function information	Enter the name of the personnel who created the correction function and any comments.
7	Integrating	Displays the name of the integrating sphere targeted for correction

	sphere name	function measurement.
8	Graph	Displays graphs of the correction function during and after measurement. A correction function is measured for each spectral bandwidth and the tabs can be used to switch between each graph.
9	[Update]	Register the measured correction function. Any dedicated correction function that already exists will be updated.
10	[Close]	Close the [Spectrum Correction Function Measurement Tool] window.

### 13.2.2 [Confirmation of Correction Function] Tab

When only one integrating sphere is registered, the correction function for this integrating sphere is displayed.

When multiple integrating spheres are registered, first select the target integrating sphere with [Integrating Sphere Name] (4) in the integrating sphere information.



[Spectrum Correction Function Measurement Tool] Window ([Confirmation of Correction Function] Tab)

No.	Item	Description
1	[Text File Output]	Displays the [Save As] window. The data and information of the open correction function can be saved to a text file (.txt). <b>Hint</b> The folder displayed as the save destination is the folder set as the text file save destination via the [Tools] menu in

		the general applications. ▶▶ Reference <a href="#">"2.2.4 [Tools] Menu"</a>
②	Instrument information	Displays the instrument name, model name, and serial number of the registered spectrofluorophotometer on which correction function measurement was performed.
③	[Date of Creation]	Displays the measurement date and time of the displayed correction function (date and time that measurement started).
④	Integrating sphere information	Displays the name and serial number of the integrating sphere that uses the correction function. When multiple integrating spheres are registered, select the target integrating sphere with [Integrating Sphere Name].
⑤	Correction function information	Displays the name of the personnel who created the correction function and any comments. These are information entered at the time of correction function measurement.
⑥	Integrating sphere name	Displays the name of the integrating sphere that uses the displayed correction function.
⑦	Graph	Displays the correction function graphs. A correction function exists for each spectral bandwidth and the tabs can be used to switch between each graph.
⑧	[Close]	Close the [Spectrum Correction Function Measurement Tool] window.