

# SEKONIC Spectrometer

English

## C-800

### Startup Guide

Thank you for purchasing a spectrometer C-800.  
This Startup Guide introduces the basic operations of this product.  
For details about how to use this product, please see the Operating Manual.

#### 1. Download

#### 2. Check Included Items

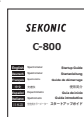
The following items are included with the meter in the package.  
Please be sure to check that all noted items are included.

- ★ If any items are missing, please contact the distributor or the reseller you purchased the meter from.
- ★ The USB Mini-B cable is not included in the package. Please obtain this separately.
- ★ Batteries (2 AA) are not included in the package. Please obtain these separately.

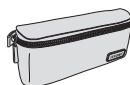
Meter



Startup Guide  
(this document)



Soft Case



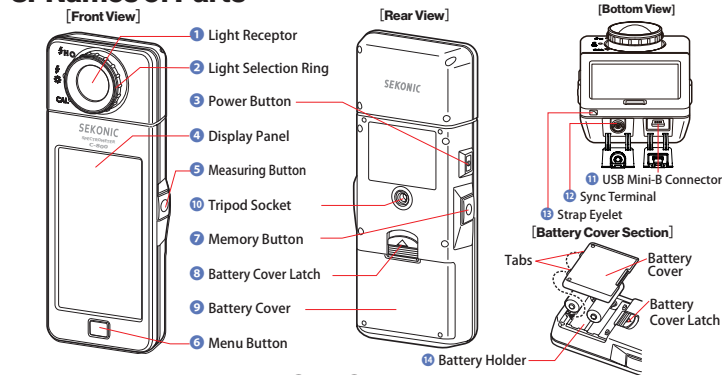
Strap



Safety  
Precaution



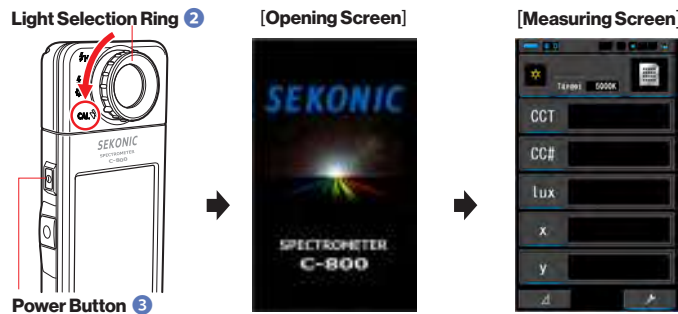
### 3. Names of Parts



### 4. Turning the Power ON/OFF

After installing the batteries, turn the Light Selection Ring **2** to the dark calibration position **CAL** (▶) and turn ON this instrument by pressing the Power Button **3**.


After the Opening screen displays (for 2 seconds) in the Display Panel, dark calibration starts. After dark calibration properly ends, the Measuring screen displays.



- ★ You can reduce start up time by simply tapping the screen when the Opening screen appears.
- ★ Please wait 3 or more seconds between turning the power ON/OFF.
- ★ To turn OFF the power, press and hold the Power Button for more than one second. The meter is powered off after the display disappears.

- ★ If Dark Calibration Position Confirmation screen appears, set the Light Selection Ring ② to Dark Calibration position and perform calibration again.

**Dark Calibration Position Confirmation Screen**



Please set Light Selection Ring for dark calibration.

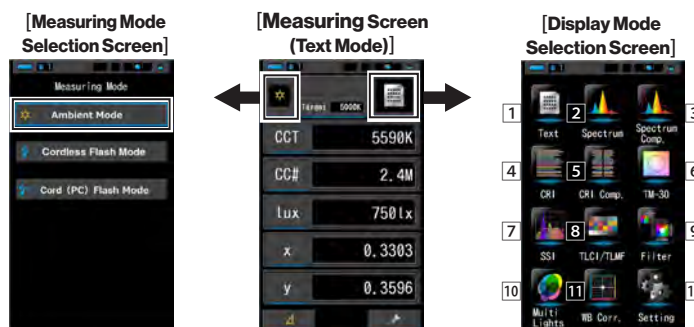
- \* If "Please set Light Selection Ring for dark calibration" is displayed, set the Light Selection Ring ② to the dark calibration position to start calibration.
- \* When taking measurements, set the Light Selection Ring ② to the range L (icon at the middle) for ALL ambient light. For flash light, set the ring to "H" (icon at the top) high-power (brighter than 640lx-s) flash or "L" (icon at the middle) for low-power flash (lower than 640lx-s).






Dark calibration is performed when there is a big change in temperature between turning power OFF and ON.  
Except the cases above, dark calibration after power ON is skipped.

## 5. Measuring Mode and Display Mode

You can change screens after turning the power on as follows. Changes from the Measuring screen to each screen.



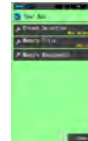
- ★ Pressing Menu Button ⑥ shifts to the Display Mode Selection screen.

Measuring Mode	Icon	Description
Ambient Light Mode		Measures continuous light such as sunlight, tungsten, fluorescent, and LED lights.
Cordless Flash Mode		Detects flash light without meter-flash connection after Measuring Button pressed to arm meter (for 90 seconds) and flash fired separately.
Cord (PC) Flash Mode		Detects flash light with PC (synchro) cord meter-flash connection.


No.	Display Mode Name	Description
1	[Text] Icon	Displays user-selected 5 items in numeric values.
2	[Spectrum] Icon	Displays 3 user-selected values and spectrum distribution graph.
3	[Spectrum Comparison] Icon	Compares the current measurement value and up to 2 memorized values as yellow and/or red lines in the spectrum distribution graph.
4	[CRI] Icon	Displays the selected average CRI (Ra) or individual CRI (R1 - R15) numerically. Each CRI is displayed in a bar graph.
5	[CRI Comparison] Icon	Compares the current measurement value and memoried value to show the color temperature and average CRI (Ra). Also, individual CRI (R1 to R15) is displayed in a bar graph.
6	[TM-30] Icon	Displays three current measurement values (selectable) and color vector graphic.
7	[SSI] Icon	Displays the current measurement values (color temperature, $\Delta uv$ and SSI) and SSI spectrum graph.
8	[TLCI/TLMF] Icon	Displays the current measurement values and memorized values (in color temperature and $\Delta uv$ ), TLCI and TLMF with spectrum graph.
9	[Filter] Icon	Displays correction values and camera filter names or light-source filter names required to adjust measured light source to target color temperature.
10	[Multi Lights] Icon	Displays comparative correction values from multiple measurements.
11	[White Balance Correction] Icon	Displays the difference between the current measurement value and the target color temperature in a white balance graph.
12	[Setting] Icon	Displays Setting screen.

★ 1 ~ 11 are the Measuring screen.

[Tool Box Screen]



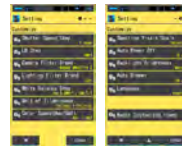
## 6. Tool Box

Touching the “Tool Box ()” icon in any measurement screen shifts to the Tool Box screen where frequently used functions are listed.

## 7. Setting

[Setting (Page 1, page2) Screen]

Touching the “Setting” icon in the Display Mode Selection screen or pressing the MENU button on the meter shifts the display to the Setting screen. Here you can set functions and display methods required for measurement in advance.



JT8197622