

CAPSURE™ Cosmetic



User Manual





Equipment Information

Use of this equipment in a manner other than that specified by X-Rite, Incorporated may compromise design integrity and become unsafe.

Warning: This instrument is not for use in explosive environments.

No user serviceable parts in this product.

For your safety, do not look directly into the measurement optics when the instrument is on.

Do not take measurements on or near eyes.

Do not take measurements on broken skin.

Do not immerse the instrument in liquid.

Cold weather may affect the speed of the display and the accuracy of matches.

Do not expose the instrument to extreme heat; do not leave in the sun.

This product has been evaluated to IEC 62471-1:2006 & EN 62471-1:2008; Photobiological safety of lamps and lamp systems, and found to be EXEMPT CLASS.

The exposure limits represent conditions under which it is believed that nearly all individuals in the general population may be repeatedly exposed without adverse health effects. However, they do not apply to photosensitive individuals or individuals exposed to photosensitizing agents. The philosophical basis for the exempt group classification is that the lamp does not pose any photobiological hazard.

Transportation: This product contains a lithium-ion battery. Should you need to ship this device, you may wish to consult published *guidance documents* by one or more of these organizations for advice on how to comply with the regulations: IATA, ICAO, IMDG & PHMSA. The single cell battery contained in the CAPSURE device is 25g in weight, 3.7V, 1030mAh, and complies with the UN 38.3 tests in effect the year it was originally shipped.



Instructions for disposal: Please dispose of Waste Electrical and Electronic Equipment (WEEE) at designated collection points for the recycling of such equipment.

CE Declaration

CE Hereby, X-Rite, Incorporated, declares that this RM200 Series is in compliance with the essential requirements and other relevant provisions of Directive(s) 2014/30/EU (EMC), 2014/35/EU (LVD), and RoHS EU 2015/863.

Bluetooth equipped devices additional comply with RED 2014/53/EU.

FCC Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by

turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

If your device is equipped with a Bluetooth wireless transmitter, it contains the following module.

This Device Contains Transmitter Module: RN-42

Manufactured by Microchip Technology

Microchip Technology Inc.
2355 West Chandler Blvd.
Chandler, Arizona 85224
TEL: 480-792-7200

FCC:

RN-42 Microchip Technology
FCC Identifier: T9J-RN42
Output Power: 0.1 Watts
Operating Frequency: 2.400 – 2.4835 GHz

IC:

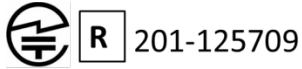
RN-42 Roving Networks, Inc. / Microchip Technology
Certification No. 6514A-RN42

RED 2014/53/EU:

EN 300328 V2.1.1 (2016)
EN 301489-1 V2.11/V2.2.0 (2017)
EN 301489-17 V3.1.1/V3.2.0 (2017)
EN 60950-1:2006 A11:2009/A1:2010/A12:2011/A2:2013
EN 62479 (2010)

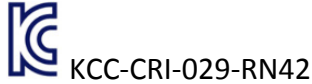
Japan:

RN-42 Roving Networks, Inc. / Microchip Technology



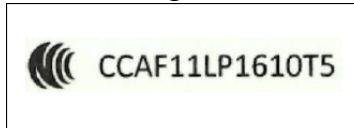
Korea:

RN-42 Microchip Technology



Taiwan:

RN-42 Roving Networks, Inc. / Microchip Technology



注意！

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China:

Model: RM200+B

CMIIT ID: 2014DJ5822

Limited Warranty

X-Rite warrants this Product against defects in material and workmanship for a period of 90 days from the date of shipment from X-Rite's facility, unless mandatory law provides for longer periods. During such time, X-Rite will either replace or repair at its discretion defective parts free of charge.

X-Rite's warranties herein do not cover failure of warranted goods resulting from: (i) damage after shipment, accident, abuse, misuse, neglect, alteration or any other use not in accordance with X-Rite's recommendations, accompanying documentation, published specifications, and standard industry practice; (ii) using the device in an operating environment outside the recommended specifications or failure to follow the maintenance procedures in X-Rite's accompanying documentation or published specifications; (iii) repair or service by anyone other than X-Rite or its authorized representatives; (iv) the failure of the warranted goods caused by use of any parts or consumables not manufactured, distributed, or approved by X-Rite; (v) any attachments or modifications to the warranted goods that are not manufactured, distributed or approved by X-Rite. Consumable parts and Product cleaning are also not covered by the warranty.

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Customer shall be responsible for packaging and shipping the defective product to the service center designated by X-Rite. X-Rite shall pay for the return of the product to Customer if the shipment is to a location within the region in which the X-Rite service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service. Do not try to dismantle the Product. Unauthorized dismantling of the equipment will void all warranty claims. Contact the X-Rite Support or the nearest X-Rite Service Center, if you believe that the unit does not work anymore or does not work correctly.

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This product may be covered by one or more patents. Refer to the instrument for actual patent numbers.

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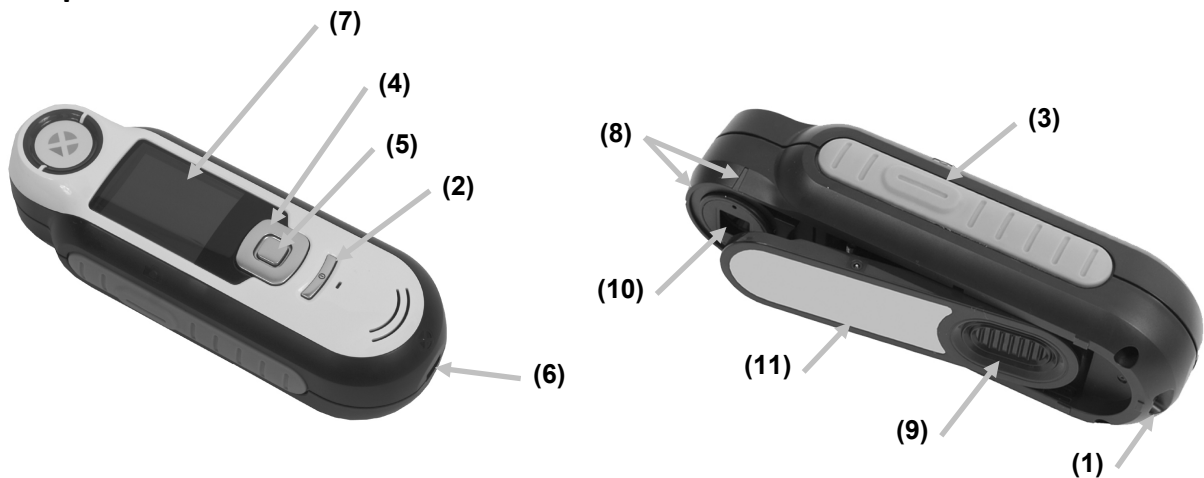
Introduction

Thank you for purchasing the X-Rite CAPSURE Cosmetic, an instrument for matching skin tone to cosmetic product.

If available, CAPSURE Cosmetic uses Bluetooth® technology and can communicate wirelessly with other devices, such as iPhones and Androids. To utilize the Bluetooth feature in the CAPSURE Cosmetic, you must first pair CAPSURE Cosmetic with the other device. The pairing procedure is only required the very first time you use the wireless feature to establish a connection. Once complete, CAPSURE Cosmetic automatically connects to the device when used.

For additional information on Bluetooth operation, refer to Bluetooth Device Pairing Procedure in the Appendices.

Description



1 - Lanyard loop: Provides a secure way to carry your device.

2 - Power on/off: Used to turn the instrument on and off.

3 - Measure button: Two stage button; press lightly to start preview and firmly to measure. Lightly pressing this button always returns you to the Match screen.

4 - Navigation control: Navigates the on screen menus and function bar in four directions. Pressing on the left side moves the focus to the next available item to the left. Pressing on the right side moves the focus to the next available item to the right. The top and bottom sides perform the same function, only in an up and down direction.

5 -Enter button: Selects menu items and opens tag menu.

6 - USB connection: For charging the battery and interface to the software.

7 - Display: Communicates color information, instrument status, and option.

8 - Targeting marks: Allows for easy positioning.

9 - White Reference slider: Positions the calibration tile for measurement or calibration/storage.

10 - Measurement optics: Area that illuminates and measures.

12 – Information label: Provides compliance, serial number and other information.

Package Contents

This package should contain the following:

- CAPSURE Cosmetic instrument
- User manual (contained on software CD)
- Lanyard
- Protective carry pouch
- Software CD
- USB cable
- Quick Start Guide

Important Information

The color display of CAPSURE Cosmetic has limited capabilities dependant on viewing conditions. Colors on screen are for guidance only, verify with Collections for visual accuracy.

The color matches given by the instrument are meant to serve as guidelines only. You should always visually confirm that the color specified by the instrument is an acceptable match. X-Rite is not liable and assumes no responsibility for inaccurate color identification by the instrument. It is recommended that you refer to your Collections for final color acceptability.

Variables that may affect the results given by the instrument include:

- Obstructions to the sensors located within the measurement optics.
- Cold weather, which may cause the display to react slowly and matches to be less accurate.
- Improper use of the instrument, such as the instrument was not flat against the skin.

Getting Started

Installing the Software

The software that is included with your instrument must be installed before plugging the USB cable into the computer. The software installs the required USB drivers for the instrument and a Collections loader application.

1. Insert the CD into the CD drive. If the CD does not autorun, double-click the **Setup.exe** file on the CD.
2. The setup program guides you through the rest of the installation process. Follow the instructions on each setup screen to complete the installation. When finished, remove the CD and store in a safe location.
3. Refer to the software help system for information on using the application.

Charging the Battery

Before using your CAPSURE Cosmetic for the first time it is important that you charge the battery. If these guidelines are not followed, the internal lithium-ion battery may experience a shortened life.

1. Install the software that accompanied the instrument if you have not already done so.
2. Connect the USB cable to the CAPSURE Cosmetic and your computer's USB port. A battery charging screen momentarily appears. For the first time connection, a language selection screen also appears. Refer to the Initial Startup section on the following page for first time operation.

Note: Some computers have low power USB ports which are typically located at the front. It is recommended that CAPSURE Cosmetic is ONLY connected to high power ports.

During charging, the instrument switches on and indicates charging with a "lightning bolt" in the battery icon. The CAPSURE Cosmetic will not power off while plugged into the computer USB port.

A full charge from empty will take 6 hours connected to a computer USB port.

Battery Icon Information



This icon at the top of the screen would indicate the battery is fully charged.



This icon at the top of the screen would indicate the battery has a sufficient charge for a substantial number of measurements.



This icon at the top of the screen would indicate the battery pack is low, but measurements are still possible. Battery should be charged soon.



This icon momentarily appears in the center of the screen and at the top when the instrument is connected to the computer, indicating the battery is charging.



The "lightning bolt" in the center of the icon at the top of the screen indicates the battery is charging.



This icon momentarily appears in the center of the screen when the instrument is disconnected from the computer.

Battery status is also reported in the Product Info menu item of the Settings window.

Powering On and Off (battery operation only)

Turn the instrument on by pressing and releasing the **Power** button.



You are asked to calibrate the instrument. Please follow the on screen instructions for calibration (refer to the Calibration section later in this manual for details).

The instrument automatically powers down into a sleep mode between 40 to 80 seconds of inactivity to conserve battery power. Any button press from the sleep mode will wake up the instrument. A CAPSURE Cosmetic Bluetooth will power down after 5 minutes of inactivity by default. The default time can be modified by editing the “Standby timer” option in the Setting Menu.

After 75 minutes of inactivity, the instrument powers completely off. From this state, you will need to press the Power button to turn on the instrument.

You can manually power down the instrument by pressing the **Power** button, highlighting **Yes** from on the screen, and pressing the **Enter** button. Make sure to always position the white reference slider over the optics when powering down the instrument. You will need to press the Power button to turn on the instrument when this power down method is used.

Initial Startup

The very first time CAPSURE Cosmetic is powered on, you are asked to select the desired operating language for the instrument. After the language is selected, you can go through a short tutorial on using the instrument and then select the required Collections and perform a calibration.

The initial startup options are also chosen from within the Settings menu. Refer to the Setting menu in the Operation section to review and set other options, such as time and date.

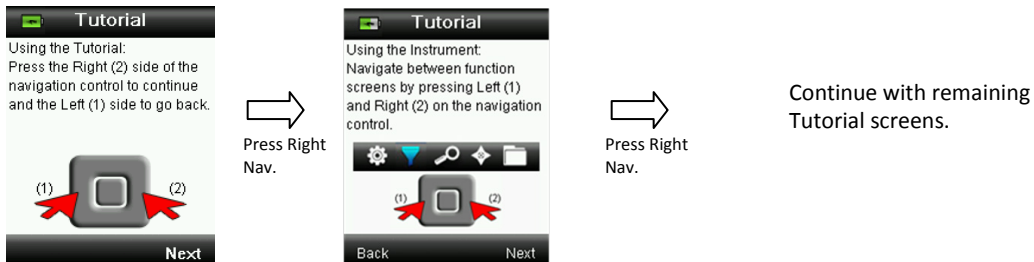
Language Selection

1. Select the language from the list by pressing the up and down sides of the **Navigation** control. Refer to the Introduction section for button locations.
2. Press the **Enter** (Select) button to activate the language and continue with the Tutorial.



View Tutorial

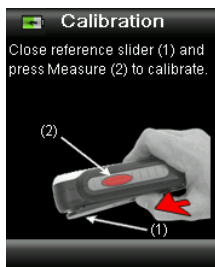
1. View the tutorial by pressing the right side of the **Navigation** control. Pressing the left side of the **Navigation** control takes you back one screen.



2. After the last Tutorial screen appears, the calibration screen appears.

Instrument Calibration

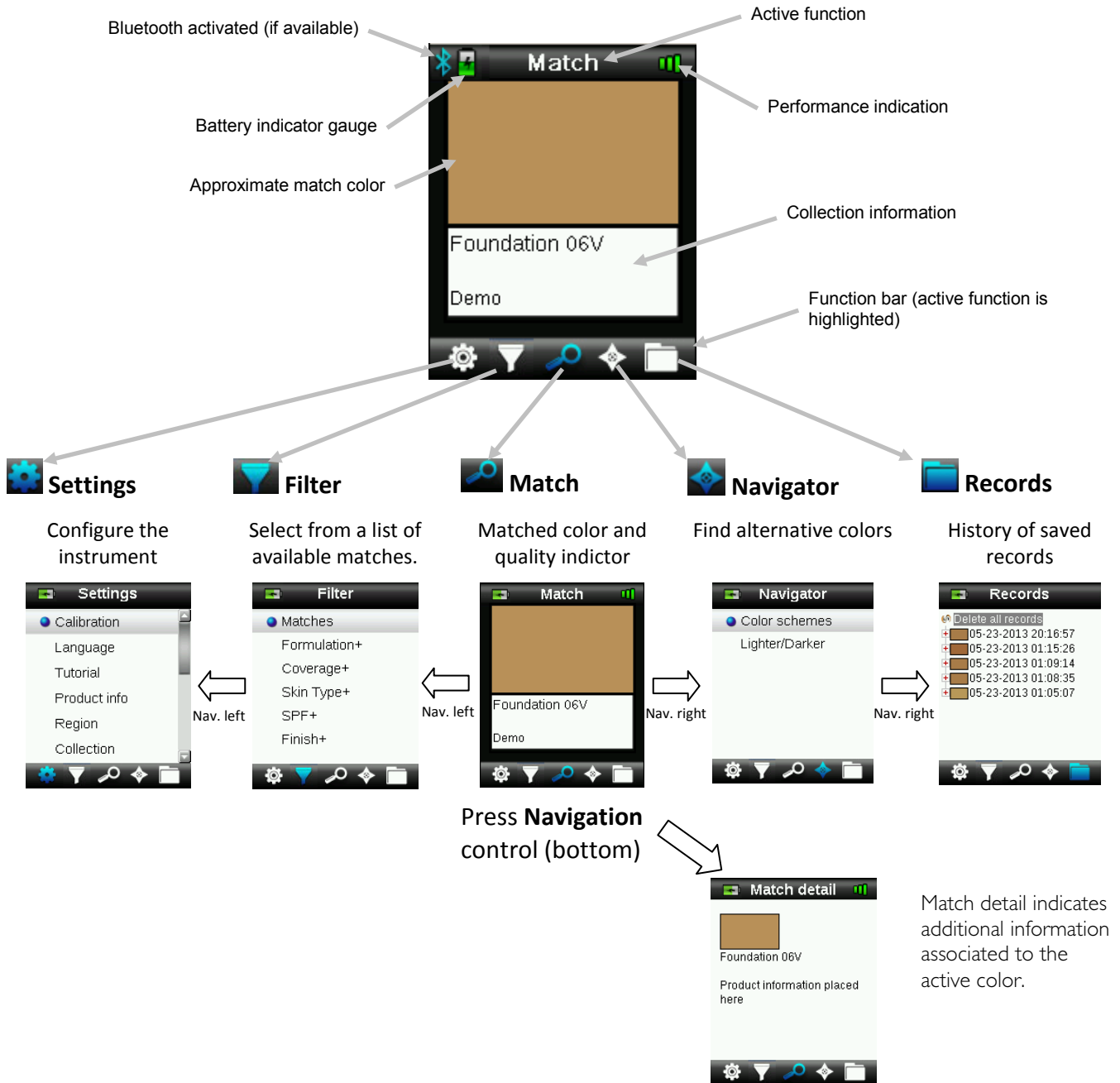
1. Perform a calibration as described on the screen. For additional information on calibration, refer to the Calibration section later in this manual.



Function Screens

The CAPSURE Cosmetic has been designed to allow easy navigation between functions with the principle of one color being active at a time.

Functions are selected by pressing the left or right sides of the **Navigation** control. The active function is indicated by the highlighted icon on the function bar and the title of the window.



Using the CAPSURE Cosmetic Instrument

General Use

NOTE: Before procedure with a skin measurement, make sure to sanitize your hands and the measurement aperture of the instrument. Refer to the Sanitizing the Instrument in the Appendices for the procedure.

When holding the instrument by its sides, it should be easy to press the Measure button on the side with your thumb or index finger.

To take a measurement, place the instrument optics flat against the customer's skin. Lightly press the **Measure** button to enable an on screen preview for fine positioning. Hold the instrument steady and press the **Measure** button firmly and release. An audible "camera-click" sound indicates the start of the measurement. A progress bar appears at the bottom of the display to indicate the measurement status. It is important that the instrument is held steady for the duration of the measurement. When the progress bar reaches 100%, a match or filter results appear on the display. Refer to the Operation section later in this manual for additional details.



Depending on the Collections selected in the Settings menu, additional filter options associated with the match can be displayed and selected using the Navigation control.



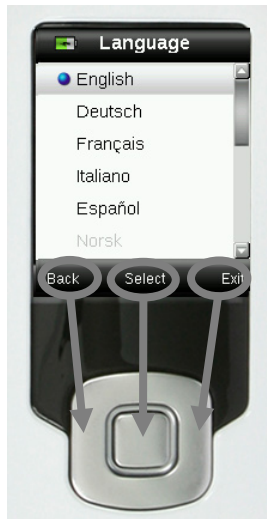
Navigating the Screens

Many secondary screens contain the words “Back”, “Select”, and “Exit” at the bottom. This refers to actions that take place when using the **Navigation** control and **Enter** button.

Back – indicates that the display is jumping back to the previous screen. This is selected by pressing the left side of the Navigation control.

Select – indicates that the option or item highlighted in the screen will be selected. This is chosen by pressing the Enter button.

Exit – indicates that the current screen will be closed and returned to the main match screen. This is selected by pressing the right side of the Navigation control.



Screens that contain images of “arrows” indicate that the Up and Down sides of the Navigation control are used to adjust or page-through options and colors.



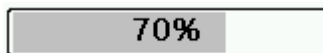
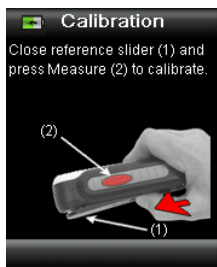
Calibration

IMPORTANT: The calibration reference is dramatically affected by smudge marks and dust, and must be kept clean. It is recommended that the instrument is cleaned regularly. Refer to the Cleaning section later in this manual for procedure on cleaning the calibration reference and optics.

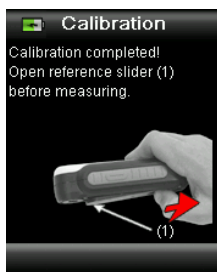
When your instrument is first turned on, you are asked to perform a calibration. Thereafter, a calibration is required every hour or if a 5°C temperature change has occurred. Calibration of the instrument ensures optimum color matching performance. If desired, a calibration can be manually initiated by selecting Calibrate from the Settings menu.

The instrument includes an integrated white reference slider that protects the white reference when not in use.

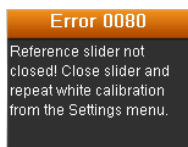
1. When displayed to do so, move the white reference slider to the closed/calibration position over the optics.
2. Press **Measure** to initiate the calibration when the reference slider is positioned. A progress bar appears at the bottom of the display to indicate the calibration status.



3. After a successful calibration, you are prompted to reposition the slider back to its storage location before measuring samples.



Note: An error will be displayed if the white reference slider was not in the correct position for calibration. If this occurs, close the slider and repeat the calibration process. After recalibration this message continues, refer to Troubleshooting in the Appendices.



If at any time the instrument requests “Repeat Calibration” this is due to exceeding the current temperature variation tolerance. Please recalibrate by initiating from the Settings menu.

Operation



Settings Menu

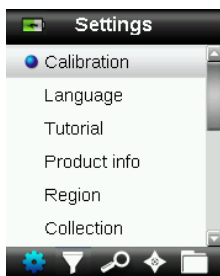
The Setting menu is used to set instrument options, initiate a calibration and view production information from this menu. You should review and set the options as needed before using your instrument for the first time.

NOTE: Certain menu settings are locked and can only be entered by deactivating the Security option. The Security option is located at the end of the Settings menu.

1. Select the Settings icon in the function bar by pressing the left side of the **Navigation** control.



2. Select the setting option from the list by pressing the up and down sides of the **Navigation** control.

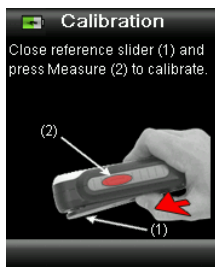


3. Press the **Enter** button to select the option.

Refer below for an explanation of each option.

Calibrate

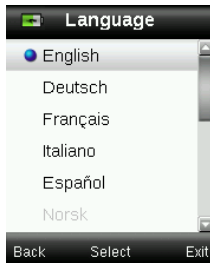
The calibration option allows you to manually initiate a calibration. Refer to the Calibration section earlier in this manual for information on performing a calibration.



Language

The language option allows you to select the languages that the instrument operates in. This screen also appears when the instrument is turned on for the first time.

1. Select the language option from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** (Select) button to select the language and return to the Settings window.

Tutorial

The Tutorial option provides information on using the instrument.

1. Select the tutorial option from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** button to view the tutorial.
3. Refer to the Initial Startup section earlier in this manual for information on viewing the tutorial.

Product Info

This screen displays important instrument information. Press the down side of the **Navigation** control to view additional information.



Version information for the Collections currently installed in the instrument can be found at the end of the Product Info screen.

Region - Locked

The Region setting allows you to select a predefined product range that matches with products available in your locality.

A list of the regions are displayed with a red or green icon next to the name. A green icon indicates that the region is active and a red icon(s) indicates the regions that are not active.

1. Select the Region from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** (Select) button to activate (green) or deactivate (red) the Region.
3. When finished, press the right side of the **Navigation** control (Exit) to go to the Match screen.

Collections - Locked

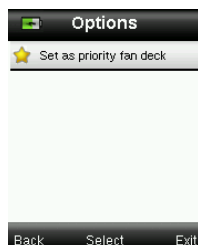
The CAPSURE Cosmetic instrument is capable of storing up to a total of 64 Collections. Each Collection can be enabled or disabled, allowing for a color match to be found from the desired collections. A Collection can also be set as a “priority”. This allows the first match to be found to preferentially come from the “priority” Collection. The priority Collection is highlighted with a star icon.

A list of the installed Collection is displayed with a red or green icon next to the name. A green icon indicates that the Collection is active and a red icon indicates that Collection is not active.

1. Select the Collection (s) from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** (Select) button to activate (green) or deactivate (red) the Collection.
3. When a Collection is activated, press the left side (Edit) of the **Navigation** control to access the Options screen. The priority of the collection is set from this screen.

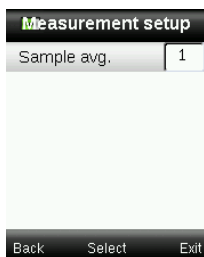


4. Press the **Enter** (Select) button to activate (star) or deactivate (no star) the option.
5. When finished, press the left side of the **Navigation** control (Back) to return to the Collection screen, or press the right side of the **Navigation** control (Exit) to go to the Match screen.

Measurement Setup - Locked

The measurement setup is used to set the number of measurements that are required before sample data is displayed. Up to 10 measurements can be set.

1. Press the **Enter** (Edit) button and then use the up and down sides of the **Navigation** control to select the average number.
2. Press the **Enter** (Edit) button to set the number.



3. When finished, press the right side of the **Navigation** control (Exit) to save your setting and return to the Settings window.

Date and Time - Locked

The date and time setting is used to set the current time, date and format for the instrument.

1. Press the left and right sides of the **Navigation** control to select the month/day/year, hours/minutes/seconds, and date format.



2. Press the up and down sides of the **Navigation** control to set the selected attribute. When format is selected, pressing the up and down sides of the **Navigation** control will alternate between MM:DD:YY and DD:MM:YY format.
3. Press the **Enter** button to save your settings and return to the Settings window.

Reset Device - Locked

The reset device option is used to reset the instrument back to the factory defaults. Any stored records that exist will also be deleted.

1. Select the reset device option from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** button. You are asked to confirm that you want to reset the device.

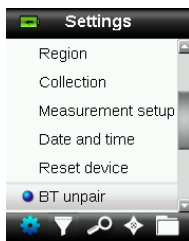


3. Highlighting **Yes** on the screen and press the **Enter** button. The instrument is now reset and all stored records are deleted.

BT Unpair - Locked (CAPSURE Bluetooth only)

If the CAPSURE Cosmetic Bluetooth device fails to pair or disappears from the available list of Bluetooth devices, a “BT Unpair may be required. After unpairing, repeat the connection process for Apple iOS or Andriod.

1. Select the BT Unpair option from the list by pressing the up and down sides of the **Navigation** control.

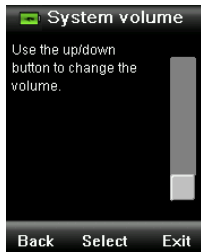


2. Press the **Enter** button to unpair the device. An Unpair succeeded screen appears.
3. Refer to the Bluetooth Device Pairing Procedure in the Appendices.

Volume

The volume option is used to set the system volume of the instrument.

1. Press the **Enter** (Select) button to open the volume level screen.

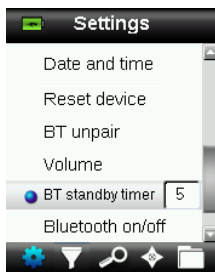


2. Press the up or down sides of the **Navigation** control to set the desired volume level.
3. Press the **Enter** (Select) button to save the volume level and return to the Settings window.

BT Standby Timer - Locked (CAPSURE Bluetooth only)

The BT standby timer option is used to set the amount of time that the CAPSURE Cosmetic will remain connected to a device without any activity before timing out. The time can be set from 1 minute to 60 minutes in one minute increments.

1. Select the BT standby timer option from the list by pressing the up and down sides of the **Navigation** control.



2. Press the **Enter** button to access the setting option.
3. Press the up and down sides of the **Navigation** control to set the time (1-60 minutes).
4. Press the **Enter** button to save your setting.
5. Refer to the Bluetooth Device Pairing Procedure in the Appendices.

Bluetooth on/off - Locked (CAPSURE Bluetooth only)

The Bluetooth on/off option is used to turn Bluetooth on or off in CAPSURE. Once on, a gray Bluetooth icon appears at the top of the screen. This icon is an indication that the Bluetooth option is activated. After CAPSURE is paired with the other device, the color of the Bluetooth icon will change to blue. The icon will remain blue until the connection is lost or unpaired.

Bluetooth Status

Off  Enabled  Connected 

1. Select the Bluetooth option from the list by pressing the up and down sides of the **Navigation** control.

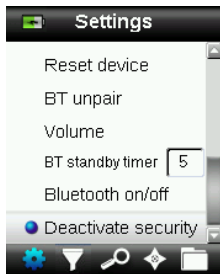


2. Press the **Enter** button to turn the option on or off.
3. Refer to the Bluetooth Device Pairing Procedure in the Appendices.

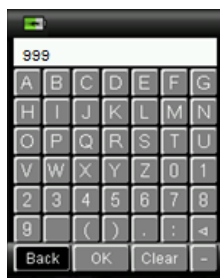
Security

The security option is used to password protect certain settings menu options from any unauthorized entry.

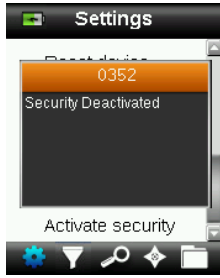
1. Activating or deactivating the security option can be made by selecting the security option from the settings menu.



2. Press the **Enter** button.



3. Enter the password (default is 999) with the virtual keyboard using the **Navigation** control and **Enter** button.
4. When finished, highlight **OK** on the virtual keyboard and press the **Enter** button. If the password you entered is correct the "Security Deactivated" message will display. The device is now unlocked, and standards and settings can now be modified. The device will stay in this state until you activate security.



5. To reactivate security, press the **Enter** button on the highlighted menu item “Activate Security”, your device is now locked.

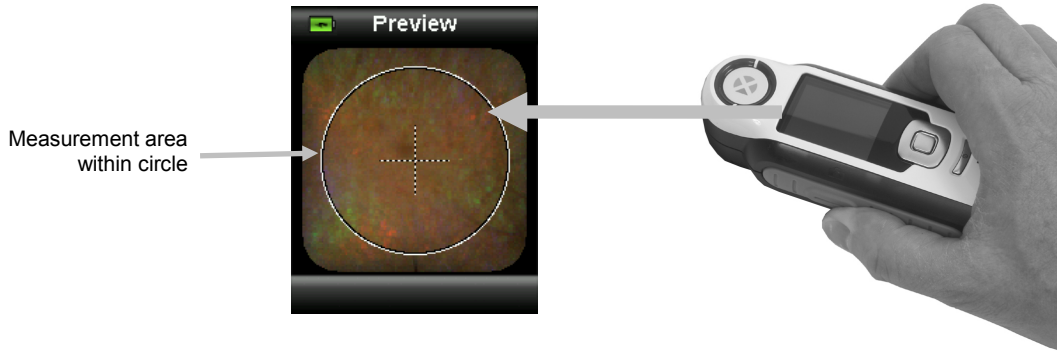




Measuring

NOTE: Before procedure with a skin measurement, make sure to sanitize your hands and the measurement surface of the instrument. Refer to the Sanitizing the Instrument in the Appendices for the procedure.

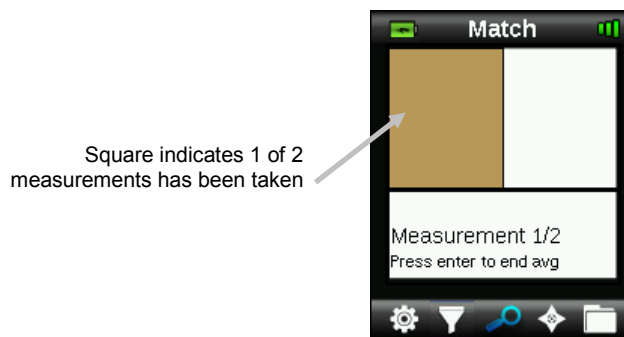
1. Make sure the white reference slider is in the storage location and position the CAPSURE Cosmetic on the skin as previously explained.
2. Lightly press and hold the **Measure** button to activate the preview. The area to be measured is indicated in the preview by the circle.



3. When you have located the area you wish to measure, press the **Measure** button firmly. An audible “camera-click” sound indicates the start of the measurement. A progress bar appears at the bottom of the display to indicate the measurement status. It is important that the instrument is held steady for the duration of the measurement.

NOTE: If averaging is activated in the Settings menu, a simulated color patch for the measurement appears. Continue with Step 3 for averaging information, or advance to Step 4 if averaging is not used.

This screen indicates that two measurements are required. If you want the end averaging, Press the **Enter** (Select) button.



Continue with additional measurements to complete the averaging procedure.

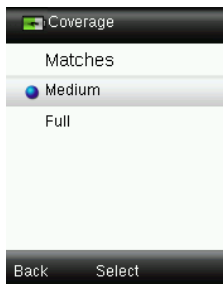
4. After the measurement(s) is complete, the instrument displays the Filter screen or match results. Match results initially appears if only one match is found. If more than one match is found to be acceptable, the screen changes to the Filter screen. If no match is found to be acceptable, “No close match found” message appears. Continue with Step 5 for multiple match (Filter) information, or advance to Step 8 for single match information.

- The number of matches found that fit the current filters is displayed on the top line. Refer to the Filter section that follows for additional information on using filters.

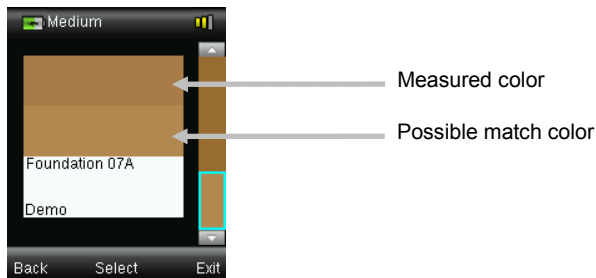


- Press the up and down sides of the **Navigation** control to select the desired filter, and then press the **Enter** button.

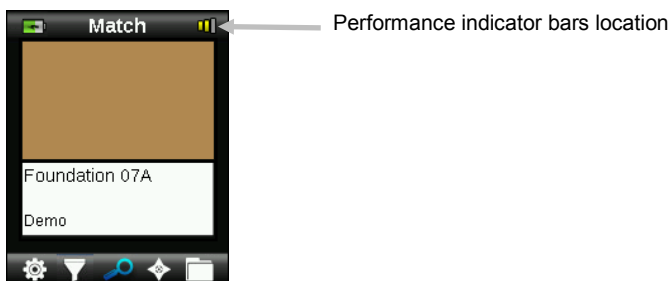
In some cases, a filter may provide an additional screen where a sub type can be selected. In this example for Coverage, Matches, Medium or Full type can be selected before displaying the Match screen results.



The measured match is shown on the top of the screen with the possible match shown on the lower portion of the screen.



- Press the up and down sides of the **Navigation** control to see alternative colors. Colors are arranged with the closest match displayed first (bottom).
- After the desired match is displayed, press the **Enter** (Select) button to view the match details.



The performance indicator bar displays how close each match is to the actual measurement. Refer below for additional information on the performance indicator.

Products such as tinted moisturisers are low opacity/coverage. They have a wider tolerance of acceptance and may have a lower performance indicator.

Performance Indicator

After a match, the instrument displays 1, 2, or 3 colored bars in the title row of the display. The bars indicate the performance of the match that was obtained. One “red” bar indicates an ok match, two “yellow” bars indicate a better match, and three “green” bars indicate the best match. No color bars would indicate no close match was found.



= Best match



= Better match



= Ok match



= No close match

The bars are for informational purpose only. Three “green” bars is the best possible match, where as one “red” or two “yellow” bars indication basically informs you that instrument made a suitable match. The fewer color bars on a measurement, the more likely color differences will be noticed.

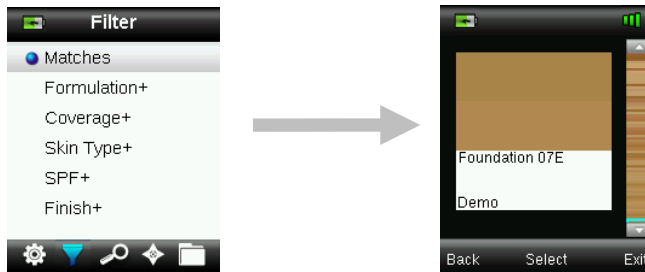


Filter

The Filter function is used to help navigation of available products that match the measured color. The number of matches found that fit the current filters is displayed on the top line.

NOTE: The filters displayed are dependent on the database loaded in CAPSURE.

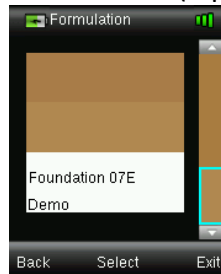
1. With the Matches filter selected, press the **Enter** button to view the match results.
2. Press the up and down sides of the **Navigation** control to view each match.



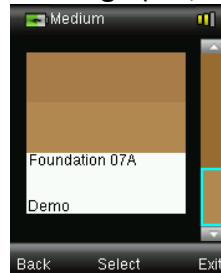
The match results are displayed/filtered in various categories. After selecting a filter category, you can view specific results based on that filter.

Matches are viewed for the filter by pressing the up and down sides of the **Navigation** control.

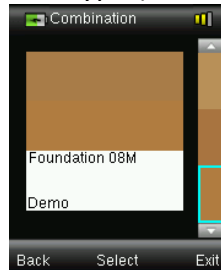
- Formulation (liquid, powder etc.)



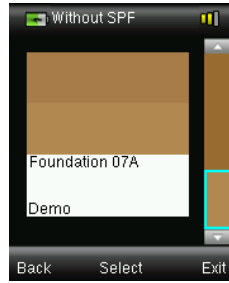
- Coverage (full, medium, etc.)



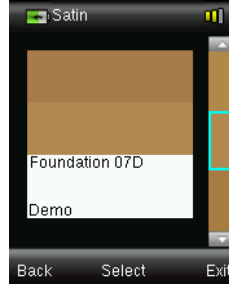
- Skin type (combination, normal, etc.)



- Other characteristics (without SPF, with SPF, etc.)



- Finish (matte, satin, etc.)





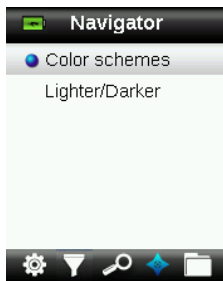
Navigator

The Navigator function enables you to find alternative colors for the identified match.

1. Perform a match or recall a stored color.
2. Select the Navigator icon in the function bar by pressing on the right side of the **Navigation** control.



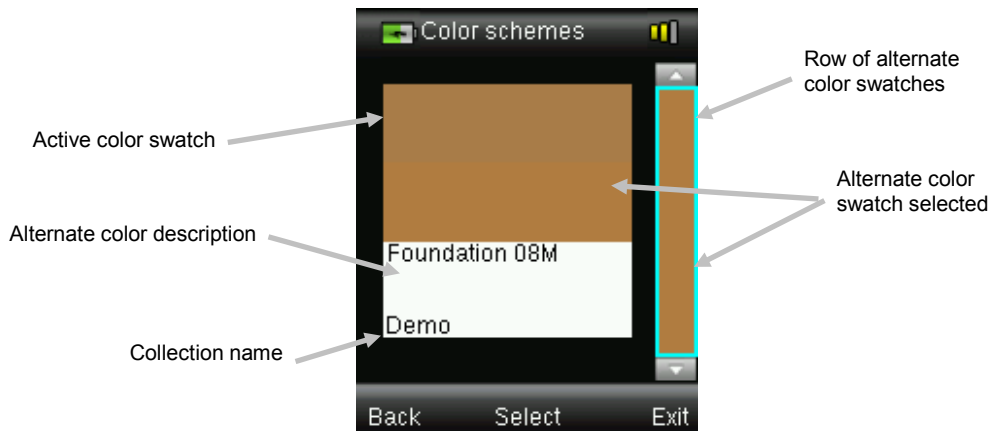
3. Select the method you wish to use to locate an alternate color by pressing on the up or down sides the **Navigation** control.
4. Press the **Enter** button after the method is selected.



Color Schemes

Color Schemes displays preprogrammed color palettes/schemes for the matched color in the current Collection.

1. Scroll through the available colors using the up and down sides of the **Navigation** control. For each color a visual comparison is given against the active color and the alternate.
2. To make the alternate color the active color, press the **Enter** button. All colors set as activate are saved to the Records.

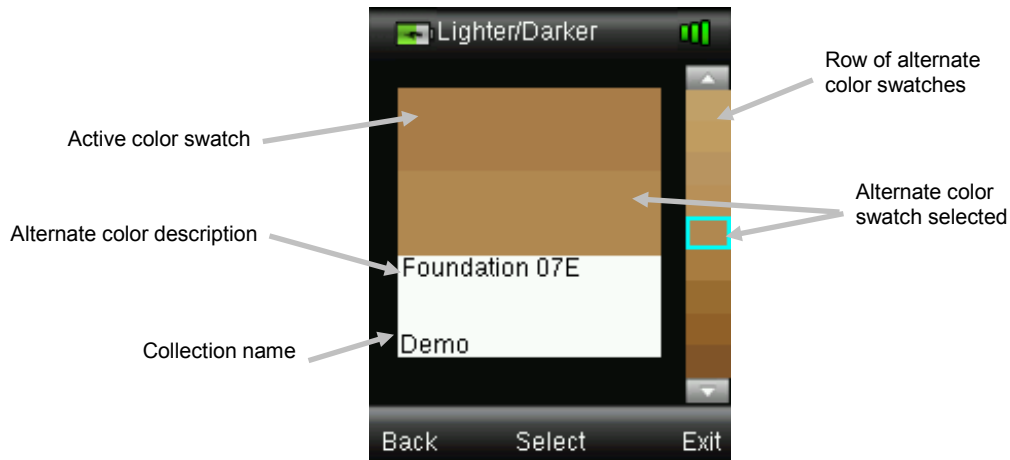


To exit without activating an alternate color, press on the left side of the **Navigation** control (Back) to return to the Navigator screen, or press the right side of the **Navigation** control (Exit) to go to the Match screen.

Lighter/Darker

Lighter/Darker displays a range of colors across all active Collections moving in each of the color directions.

1. Scroll through the available colors using the up and down sides of the **Navigation** control. For each color a visual comparison is given against the active color and the alternate.
2. To make the alternate color the active color, press the **Enter** button. All colors set as activate are saved to the Records.



To exit without activating an alternate color, press on the left side of the **Navigation** control (Back) to return to the Navigator screen, or press the right side of the **Navigation** control (Exit) to go to the Match screen.



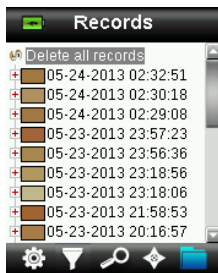
Recalling a Saved Record

The Records function enables you to retrieve a stored match from the instruments database, delete an individual record, or delete all stored records.

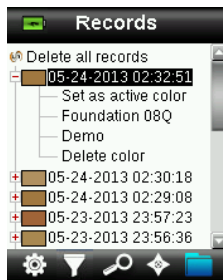
1. Select the Records icon in the function bar by pressing on the right side of the **Navigation** control.



2. Scroll through the measurement records by pressing the up and down sides of the **Navigation** control.



3. You can view more details for the selected record by pressing the **Enter** button to expand the record.



Set as active color

This recalls the saved color and allows viewing of alternate colors.

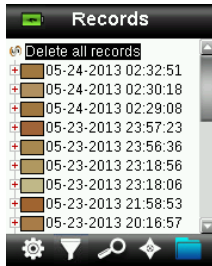
Delete color

Used to delete the selected color.

Delete All Records

This option allows you to delete all stored records on the instrument.

1. Press the up and down sides of the **Navigation** control to highlight **Delete all records**.



2. Press the **Enter** button. You are asked to confirm that you want to delete all records.



3. Highlighting **Yes** on the screen and press the **Enter** button. All records are now deleted from the instrument.

Appendices

Troubleshooting

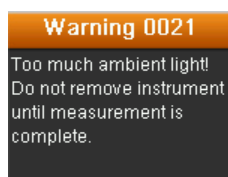
Symptom	Action
Will not turn on	Press and hold the Power button. Charge battery / plug in to USB port.
Instrument not responding	Hold down on/off button 10 seconds to turn off then restart.
Instrument will not switch off	Remove the USB connection. Hold down on/off button 10 seconds to turn off then restart
Too much ambient light detected	Make sure you keep the instrument on the skin until the end of the measurement. Avoid measuring in bright sunlight or shield the area being measured.
Instrument requests a "Recalibrate"	Recalibrate the instrument using the Calibrate function in the Settings menu.
"Reference slider not closed!" continually displays after calibrating more than once.	You will need to perform seven calibration procedures in a row. This will set a new reference point and correct the problem.

Screen Messages

Screen messages can appear in the display during error conditions or for informational purposes. Some messages are cleared from the instrument screen by pressing the **Enter** button.

Messages may also be accompanied by a number to indicate a specific condition. If an error condition persists, contact technical support at 800.248.9748 or visit www.xrite.com.

Sample Error Message




Sanitizing the Instrument before Measuring

After sanitizing your hands, carefully sanitize only the aperture area of the CAPSURE Cosmetic that will touch the customer's skin using an alcohol wipe. Avoid wiping the optics itself.



Cleaning

The instrument should be stored with calibration slider in the closed position when not in use.

 Do not immerse the instrument in liquid, and do not use anything other than a water-dampened cloth for cleaning the exterior.

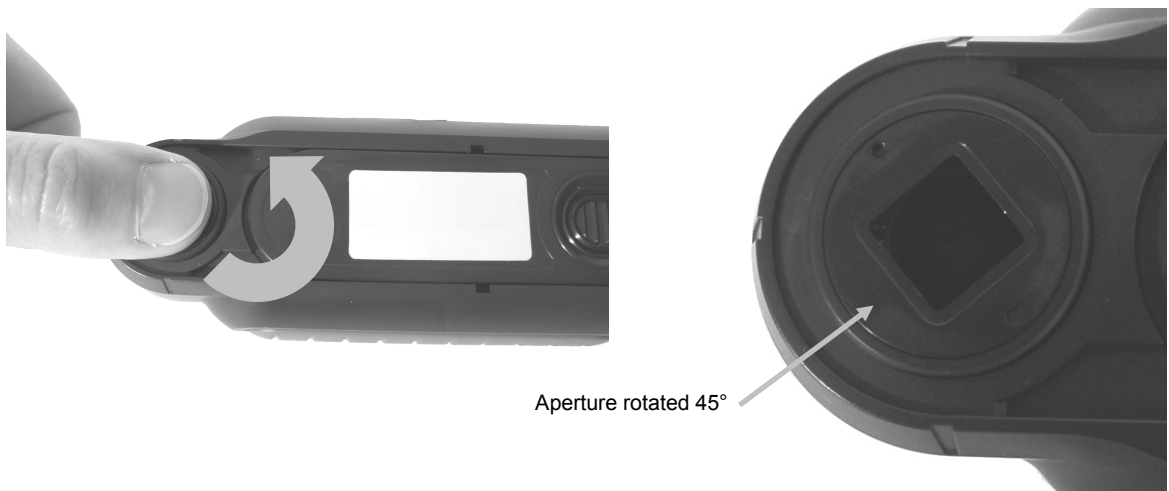
The measurement optics and calibration plaque should be kept clean from dust and dirt for the highest level of accuracy.

Cleaning the Optics

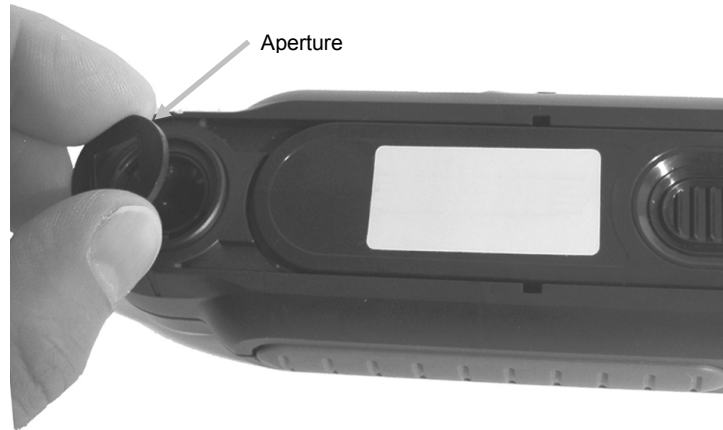
The optics are recessed and therefore protected from dirt during normal usage. However, if the optics require cleaning, follow the procedure below.

IMPORTANT: If can air is used for cleaning, do not invert or tilt the can during use. This could cause damage to the optics.

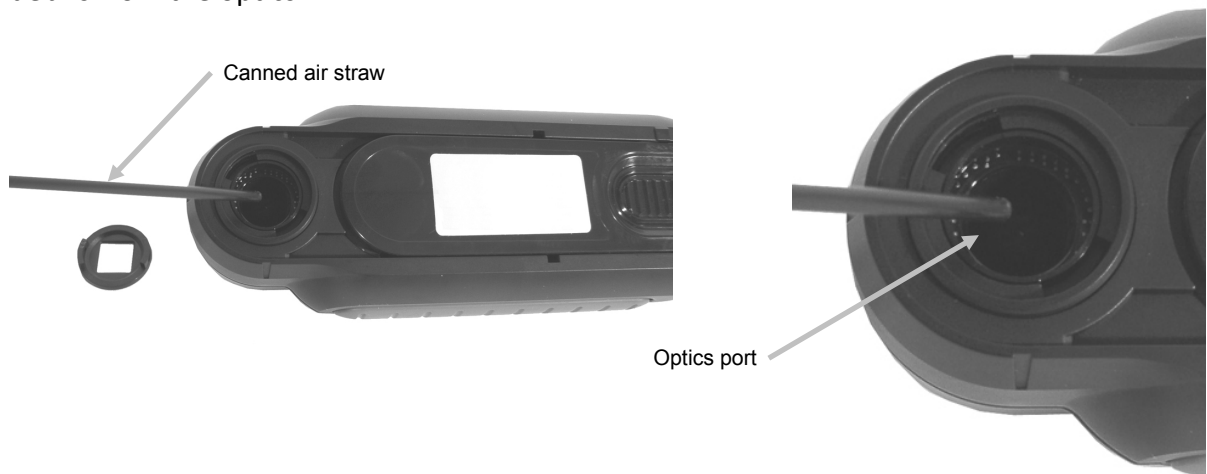
1. Carefully place your thumb over the optics opening and rotate the aperture 45° counterclockwise.



2. Remove the aperture from the optics housing and set aside.



3. Blow short bursts of clean, dry air into the optics port. This should remove any accumulated debris from the optics.



4. Reposition the aperture over the optics housing and turn 45° clockwise to lock into place.

Cleaning the Calibration Reference

The calibration tile is imbedded in the underside of the white reference slider.

1. Opening reference slider to a halfway position.
2. Blow short bursts of clean, dry air onto the calibration tile. This should remove any accumulated debris.



Technical Specifications

Measurement time:	< 3 seconds
Operating Temp:	0° to 40°C (50° to 104°F)
Storage temp:	-20° to 60°C (-4° to 140°F)
Humidity Range:	20- 80% RH (non-condensing)
Usage:	Indoor use only
Altitude:	2000m
Pollution Degree:	2
Transient Overvoltage:	Category II

FAQs

1. How many color matches does the instrument store?
300 color matches.
2. How do I clean the instrument?
Please see the instructions in the Cleaning section.
3. What should I do if the instrument doesn't power-up?
If the battery is too low the instrument will not power-up. Charge the unit through its USB connection.
4. How do I contact technical support?
Phone:
800.248.9748 USA
(+41) 44 842 24 00 Europe
(+852) 2 568 6283 Asia
Website: www.xrite.com

Bluetooth Device Pairing Procedures (CAPSURE Cosmetic Bluetooth only)

To use your Bluetooth enabled phone or tablet with CAPSURE Cosmetic you must first pair the devices together before you can connect to an App. Once the pairing process is complete the connection remains in memory enabling quick reconnection when the devices are switched ON and Off. The following devices/operating systems are supported by CAPSURE Cosmetic Bluetooth.

Apple: iPhone 4, 4S, 5; iPad 2, 3; iPod Touch 4, 5 (operating system iOS 5 and 6)

Android: 2.3 Gingerbread, 3.0 Honeycomb, 4.0 Ice Cream Sandwich, and 4.1 / 4.2 Jellybean

General Notes

- When Bluetooth is ON the CAPSURE Cosmetic sleep time is set to 5 minutes.
- When Bluetooth is OFF the CAPSURE Cosmetic sleep time is set to 10 seconds.
- When the CAPSURE Cosmetic sleeps the Bluetooth connection is dropped. The Bluetooth connection will automatically be remade when the CAPSURE Cosmetic awakes. This process may take up to 20 seconds.

Preparing CAPSURE Cosmetic

1. Turn CAPSURE Cosmetic power On.
2. If not already done, turn the Bluetooth option on and set the Bluetooth Standby timer. Refer to the Setting Menu section earlier in this manual.
3. Calibrate the CAPSURE Cosmetic if required.

The CAPSURE Cosmetic remembers the last state of the Bluetooth and will restart in this state when the Power is switched On/Off.

Connecting an Apple iOS device

1. Switch on the iPhone/iPad/iPod and enter the settings menu.
2. Select Bluetooth and turn Bluetooth ON.
3. The iOS device will now scan the area for available Bluetooth devices. All available Bluetooth devices with Apple connectivity will be listed here.
4. The CAPSURE Cosmetic device should now appear on the iOS device screen as an available Bluetooth device. The CAPSURE Cosmetic will be listed as RM200 #XXXX and it should be shown in black text.



5. Select the CAPSURE RM200 #XXXX to pair to the iOS device.
6. The iOS device should initiate pairing. This may take up to 20 seconds.
7. Once the pairing process is complete the RM200 #XXXX text will turn blue and “connected” will be displayed next to the device name. On the CAPSURE Cosmetic the Bluetooth symbol will change color from Grey to Blue.

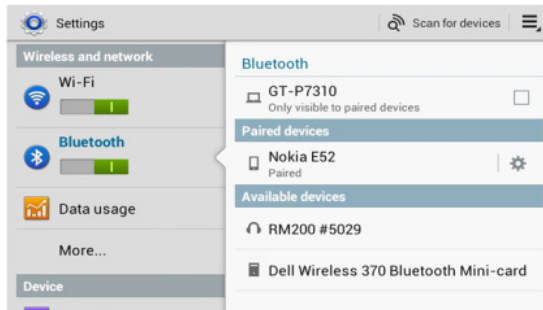


Notes for iOS connections

- You can only connect with 1 iOS device at a time.
- To connect with another device you must first unpair from the connected device.

Connecting an Android device

1. Open the Settings application.
2. Touch Wireless & networks > Bluetooth settings.
3. Check Bluetooth to turn it on. Your tablet scans for and displays the IDs of all available Bluetooth devices in range.

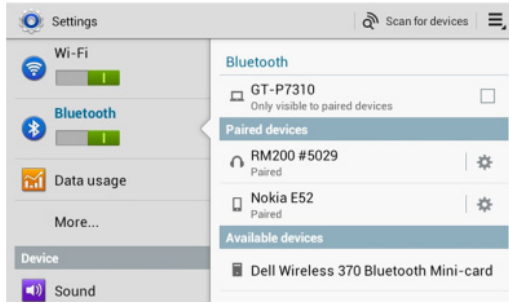


If the CAPSURE Cosmetic you want to pair with isn't in the list, ensure that the CAPSURE Cosmetic is turned on and Bluetooth is switched On.

4. If your tablet stops scanning before CAPSURE Cosmetic is ready, touch Find nearby devices and then Scan for devices.
5. Touch the ID of the CAPSURE Cosmetic in Found list to pair them.
6. Click “OK” to confirm any passkey request to connect with CAPSURE Cosmetic.



7. Once the pairing process is complete the RM200 #XXXX will turn appear in your Paired devices, indicating you have successfully connected your two devices.



The Apple or Android App can now be started.

China RoHs Disclosure Table

产品中有害物质的含量							
X-Rite, Incorporated. Model RM200 Series (Capsure)							
Instrument Assembly	仪器组件	有害物质					
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6)	多溴联苯 (PBB)	多溴联苯醚 (PBDE)
All PCB Assembly	全部 PCB 组件	X	O	O	O	O	O
Metal Fasteners	金属扣件	X	O	O	O	O	O
Display	显示	O	O	O	O	O	O
Plastic Components	塑胶元件	O	O	O	O	O	O
Packaging Material	包装材料	O	O	O	O	O	O
<p>本表格依据 SJ/T 11364 的规定编制。 Table prepared in accordance with SJ/T 11364-2014 standards.</p>							
<p>O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。 Indicates the concentration of the hazardous substance in all homogeneous material of the part is below the threshold GB/T 26572 standards.</p>							
<p>X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。 Indicates the concentration of hazardous substance in at least one homogeneous material of the part is above the threshold of the GB/T 26572 standards.</p>							
<p>产品采用的EPUP条件 - 在中国销售的电子电气产品环保使用期限的, 按下列安全注意事项使用的产品, 从生产之日起的表达, 使用有害的产品包含在生命体征内物质不会对环境, 人身和财产造成严重影响。</p>							
<p>Products EPUP conditions of use - in Chinese sales of electrical and electronic products environmental protection use period, expressed according to the following Safety Precautions for the use of the product, starting from the date of manufacture, the use of harmful product contained within the life signs substance does not have a serious impact on an environment, persons and property.</p>							



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Please visit www.xrite.com for a local office near you.