

F D — 7

Simple explanation

1st July, 2010 Edition





External



Operation Key

▲▼ : Cursor keys

← : Back key

↵ : Enter/Option Key

Side button: Scan / Illuminance measurement button

The Option menu still cannot be accessed.



Startup

Turn the power on using the Main Switch.



Startup screen

Displayed for approximately 2 seconds.

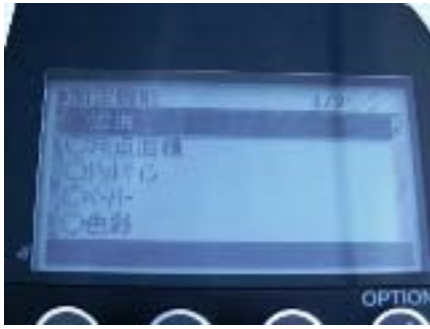


After 2 seconds, the screen will change to the measurement screen.

Changing the measurement mode



When the cursor is placed on the Measurement Mode and the enter key is pushed, the Measurement Mode can be changed.

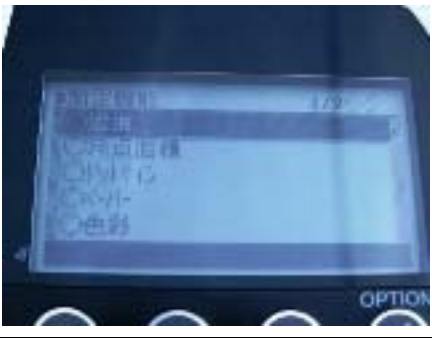




Density, dot area ratio, dot gain, color and automatic can be selected.






(Caution)

Illuminance cannot be used.







Density measurement

	<p>Place the cursor on "Density" at the same time as pushing the enter key.</p>
	<p>Density measurement initial screen</p> <p>(Caution) You cannot set the paper white base yet.</p>
	<p>When measured, the ink is automatically judged and the density is displayed.</p>




tint measurement

	<p>Select "DOT %" and push the Enter key.</p>
	<p>The previously measured value is being retained, however the cursor is placed over "Paper".</p>
	<p>When the paper is measured, the measurement data is displayed and the cursor is moved to the solid color patch.</p>
	<p>When the solid color patch is measured, the solid density is displayed and the cursor is moved to the "Sample".</p>
	<p>When the sample is measured, the solid density and dot area ratio is displayed.</p>
	<p>If you wish to re-measure the paper or solid color patch, place the cursor over the item and then measure.</p>





Dot gain measurement

	<p>Select "Dot Gain", then press the enter key.</p>
	<p>Dot gain initial screen</p> <p>The cursor is placed on "Paper", however the previous Paper Density remains.</p>
	<p>When the paper is measured, the paper density is displayed, and the cursor is moved to the solid color patch.</p>
	<p>When a solid color patch is measured, the ink is automatically determined and the solid density is displayed.</p> <p>(Caution) You still cannot change the standard sample area rate. The factor cannot be changed either.</p>
	<p>When the tint patch is measured, the tint measurement is conducted.</p>
	<p>Continue measurement in order.</p>

Color measurement




	<p>Select "Color", then press the Enter key.</p>
	<p>Color initial screen</p> <p>(Caution) The target color cannot be selected. The color space also cannot be changed.</p>
	<p>When the sample is measured, the color is displayed.</p>

Automatic Mode

 The image shows the initial screen of the Automatic Mode. The screen displays a menu with three options: '測定' (Measurement), '設定管理' (Setting Management), and '色移' (Color Shift). The '測定' option is highlighted. The word 'OPTION' is visible at the bottom right of the device's bezel.	<p>Automatic Mode initial screen</p>
 The image shows the screen after a solid color patch has been measured. The '測定' option is still highlighted. The screen displays '00' and a large value '1.59'. The word 'OPTION' is visible at the bottom right of the device's bezel.	<p>When a solid color patch is measured, the ink is automatically determined and the solid density is displayed.</p>
 The image shows the screen after a solid color patch has been measured. The '測定' option is still highlighted. The screen displays '000', '1.59', and 'AC 51.0%'. The word 'OPTION' is visible at the bottom right of the device's bezel.	<p>When a solid color patch is measured, the ink is automatically determined and the solid density is displayed.</p>
 The image shows the screen after an over-print has been measured. The '測定' option is still highlighted. The screen displays '14', '10.73', '04', '12.40', and '14', '-27.57'. The word 'OPTION' is visible at the bottom right of the device's bezel.	<p>When the over-print is measured, the color is displayed.</p>

Caution

1. The power circuit is incomplete and measurement cannot be conducted using the battery. Connect the USB and measure again.
2. The automatically determined threshold is not final. There is a possibility there is an error in the judgment.

	<p>To fix a frozen device, remove the USB cable and remove the 2 screws circled in red before removing the battery cover.</p>
	
	<p>Remove the connector to the lithium-ion battery and reconnect.</p>