

# Gray Balance Adjustment Function Sample

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## 1. Overview of the Gray Balance Adjustment Function

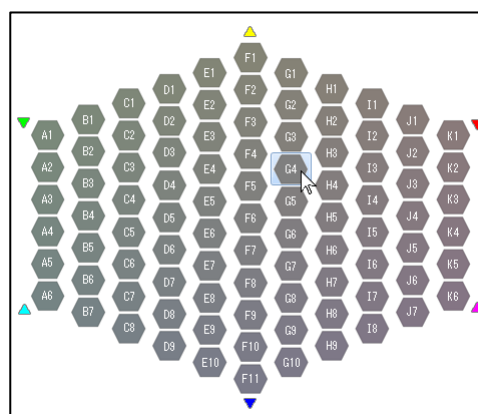
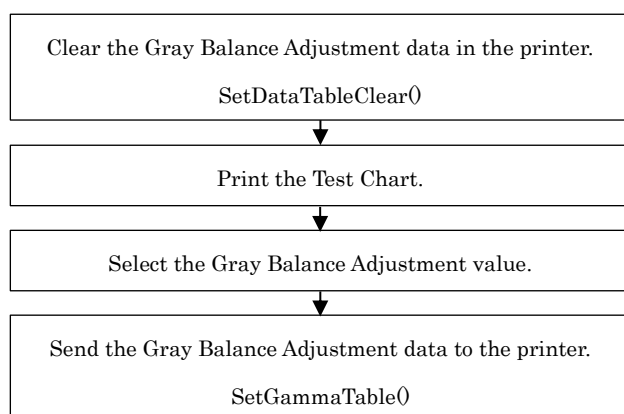
The Gray Balance Adjustment function is used to adjust the tones of printed materials. You can choose from among 91 settings (including default) to adjust the tone for prints.

(Note)

Because the Gray Balance Adjustment data is lost when the printer is turned OFF or reverts to stand-by mode, it should be sent just before printing.

< Steps of the Gray Balance Adjustment >

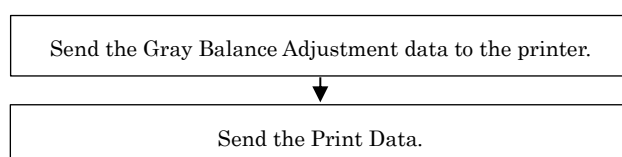
- (1) Clear the Gray Balance Adjustment data in the printer.
- (2) Print the Test Chart
- (3) Check the print results, and select the Gray Balance Adjustment value.
- (4) Send the Gray Balance Adjustment data to the printer.



Gray Balance Adjustment values

< The steps of Printing using Gray Balance Adjustment >

Because the Gray Balance Adjustment data is lost when the printer is turned OFF or reverts to stand-by mode, it is necessary to send it just before printing.



## 2. Sample Program

This is a VB.NET application to set the Gray Balance Adjustment. This sample program can be used to print the test chart and set the Gray Balance Adjustment.

In order to use this sample program, please make the following changes to conform to your operating environment.

### ■Printer Name

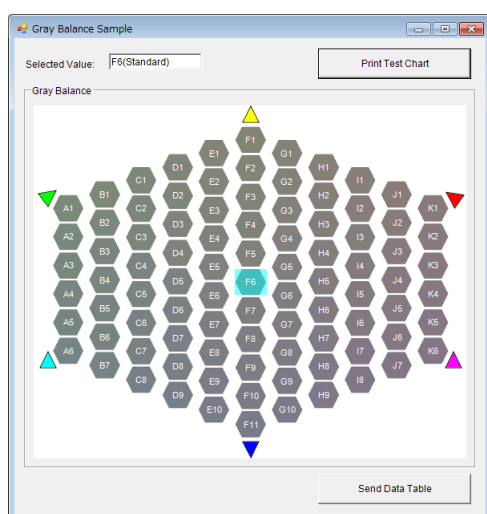
Change the “Printer Name” in getPortNum().

The initial setting is “PrinterName = “DP-DS820”, so you should set the name of the printer you have installed. For the printer name, refer to “Printer and Fax” on the computer.

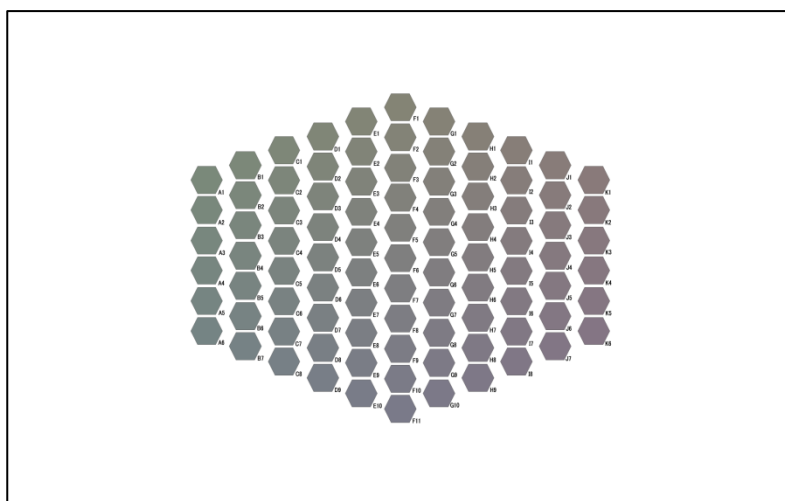
### ■32/64bit OS selection

If the OS is 64bit, you should attach “#Const x64 = True” to the beginning of DS820Stat.vb.

The initial setting is for 32bit, and is set as “#Const x64 = False”.

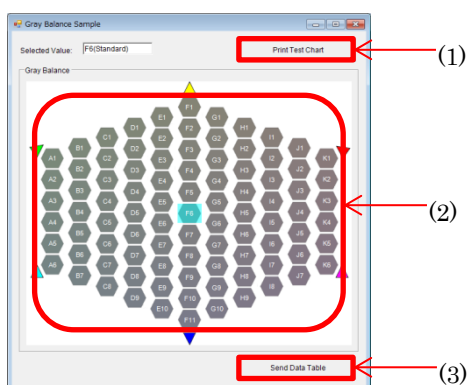


Screen Display



Test Chart

### < Application Operation >



	Button	Operation
(1)	Print Test Chart	This clears the Gray Balance Adjustment data and prints the Test Chart.
(2)	A1~K6	This selects the Gray Balance Adjustment value. The selected value is highlighted in light blue.
(3)	Send Data Table	This sends the Gray Balance Adjustment data that was selected to the printer.