

MAINTENANCE MODE 2

Start Button: Turn the Power switch On while pressing the following panel buttons to start.

“Paper Source Button” + “Cut / Eject Button” + “Paper Feed – Button”

Setting Item Selection: “Paper Source” Button

Changing Setting Values: “Setting Value +” or “Setting Value –” Button

Setting the Set Values: “Enter” Button

Setting End: Power ON/OFF

This mode can be roughly divided into the following 3 items.

Table 1-29. Maintenance Mode 2 Setting Items

Item	Panel Display
Counter Display Menu	VIEW COUNTERS MENU
Counter Initialization Menu	CLEAR COUNTERS MENU
Adjustment, Setting Menu	SERVICE CONFIG MENU

For each major item, see the following page.

Counter Display Menu

The items displayed in the Maintenance Mode 2 “Counter Display Menu” are shown below.

Table 1-30. Counter Display Menu

Item	Panel Display	Setting Value
Remaining Ink (K) counter Value Display	INK K	0~4294967295 (Decimal number)
Remaining Ink (C) counter Value Display	INK C	0~4294967295 (Decimal number)
Remaining Ink (M) counter Value Display	INK M	0~4294967295 (Decimal number)
Remaining Ink (LC) counter Value Display	INK LC	0~4294967295 (Decimal number)

Table 1-30. Counter Display Menu

Item	Panel Display	Setting Value
Remaining Ink (LM) counter Value Display	INK LM	0~4294967295 (Decimal number)
Remaining Ink (Y) counter Value Display	INK Y	0~4294967295 (Decimal number)
Cutter Life Counter Value Display	CUTTER	0~4294967295 (Decimal number)
Total Printed Sheet Counter Value Display	TTL PAGES	0~4294967295 (Decimal number)
Waste Ink Counter A Value Display	WAST INKA	0~4294967295 (Decimal number)
Waste Ink Counter B Value Display	WAST INK B	0~4294967295 (Decimal number)
CR Motor Service Life Counter Value Display	CR MOTOR	0~4294967295 (Decimal number)
PF Motor Service Life Counter Value Display	PF MOTOR	0~4294967295 (Decimal number)
Head Unit (K) Service Life Counter Value Display	HEAD K	0~4294967295 (Decimal number)
Head Unit (C) Service Life Counter Value Display	HEAD C	0~4294967295 (Decimal number)
Head Unit (M) Service Life Counter Value Display	HEAD M	0~4294967295 (Decimal number)
Head Unit (LC) Service Life Counter Value Display	HEAD LC	0~4294967295 (Decimal number)
Head Unit (LM) Service Life Counter Value Display	HEAD LM	0~4294967295 (Decimal number)
Head Unit (Y) Service Life Counter Value Display	HEAD Y	0~4294967295 (Decimal number)
Cleaning Unit Life Counter	CLEANER	0~4294967295 (Decimal number)

Counter Initialization Menu

The items that can be initialized in the “Counter Initialization Menu” in Maintenance Mode 2 are shown below.

Table 1-31. Counter Initialization Menu

Item	Panel Display	Setting Value
Initializes NVRAM / Ink System / Mechanism Counters.	INIT.ALL	EXEC.
Initializes NVRAM contents (Panel setting information, Bi-D and Cap Adjustment parameters).	INIT.NVRAM	EXEC.
Timer Setting Value Initialization	INIT.TIMER	EXEC.
CR Motor Service Life Counter Initialization	INIT.CR MTR	EXEC.
PF Motor Service Life Counter Initialization	INIT.PF MTR	EXEC.
Head Unit Service Life Counter Initialization	INIT.HEAD	EXEC.
Cleaning Unit Service Life Counter Initialization	INIT.CLEANER	EXEC.
Total Printed Page Count Counter Initialization	INIT.TTL PR	EXEC.
Ink Level Counter Initialization	INIT.INK	EXEC.
Waste Ink Capacity Counter Initialization	INIT.WA INK	EXEC.

Adjustment Menu

The items that can be initialized in the Counter Initialization Menu in Maintenance Mode 2 are shown below.

Table 1-35 List of Adjustment Menu Items

Table 1-32.

Item	Panel Display	Setting Value
Right Head Bi-D Offset Setting#1 (Normal dot) Note 2)	BID OFFSET #1	-4~0~4
Ink Level Detection Note 3)	DET.ECT INK LABEL	ON OFF
MW 2 Feed Balance Note 4)	MW 7 BALANCE	-31~0~+31

Note 1): Settings with underlines show default values.

Note 2): This sets the desired offset the adjustment value in Bi-D Adjustment Pattern #3, set by the user. This mode is a function for reducing irregular color that occurs in the 720 dpi x 720 dpi and 1440 dpi x 720 dpi printing modes due to setting of the desired offset with respect to the adjustment values for Bi-D adjustment values (Bi-D adjustment pattern No. #3) for these printing modes. However, since there are cases where there is no effect even when the desired offset is set in this function, adequate caution should be exercised when changing the setting values.

Note 3): This sets whether the sensor which detects the I/C type identifier on the I/C label will detect it or not.

Note 4): If microbanding, which occurs in the 720 x 360 dpi mode and the 720 x 720 dpi mode actually occurs, this reduction function acts to reduce banding somewhat when this setting is changed. However, there may not be any effect even if the setting is set in the desired value by this function, so exercise caution when changing the setting value.

SELF-DIAGNOSTIC FUNCTION MODE

By turning the Power switch ON while pressing the following panel buttons, the self-diagnostic mode is started.

Paper Feed – Button + Cut / Eject Button + Cleaning Button

This mode is used in adjustment work, etc. when carrying out major parts replacements. For details, see Chapter 5, “Adjustments.”