

PASSPORT



Firmware Revision Record

6/27/2006

Model:

SP-300/300V
SP-540V

Version:

Current	New
6.20	6.30

Change in Spec

1. New pump (6700319010 ASSY, PUMP SUB XC-540) has been supported.
 - The machine controls the new pump by setting System SW Page 12 Bit1 to 1.
 - The machine controls the SOL series ink by setting System SW Page 12 Bit2 to 0.
 - The machine controls the water based ink by setting System SW Page 12 Bit2 to 1.

NOTE: Bits in the system switch pages are numbered from right to left.

2. The function of preventing nozzle deflection and clogged nozzle for ECO-SOL MAX ink has been changed.
 - Periodic flushing is now performed regardless of the sleep settings.

Following Problems have been Corrected

1. Liner Encoder Scale can not be read correctly,
 - When performing the [ENV. MATCH], [FACTORY DEFAULT] is executed.
 - When performing the [LINER CALIB.] in the service mode, all system parameters are initialized.
2. When [Cut Only] machine is selected and then [Rip and Print] is performed in RCR ver2.2, the machine does not perform cutting.



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Version:

Current	New
6.10	6.20

Following Problems have been Corrected

1. The machine freezes with the message "NOW PROCESSING." displayed.
 - The problem mostly occurs when the machine returns from the Sleep Mode, however, it can occur under other situations.
 - One of the factors has been eliminated by this firmware; however, it can be caused by other reasons. (The problem is still being investigated.)
2. If you interrupt the process of initializing the Cut down Position in "LIMIT POSITION & CUT DOWN POSITION INITIALIZE" (by turning off the power or having an error), the following values in the service menu will go back to the default settings.
 - [CROP-TOOL ADJ.]
 - [PRINT&CUT ADJ.]
 - [PINCH ADJ.]

As a result, SERVICE CALL 0111 occurs because the [CROP-TOOL ADJ.] setting is initialized. This problem occurs only with SP-540V, not SP-300/300V.
3. When [EDGE DETECTION] is set to [DISABLE] and the sheet cut is performed, and then the base point is set near the front end of the sheet, the machine does not start printing from the based point



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6/27/2006

Model: SP-300/300V SP-540V	Version: Current 6.00	New 6.10
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Following Problems have been Corrected

1. There are some cases that the ink remaining quantity is not updated.
 - This sometimes causes a difference between the displayed remaining quantity and the actual remaining quantity.



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Firmware Revision Record

6/27/2006

Model: SP-300/300V SP-540V	Version: Current 5.90	New 6.00
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Following Problems have been Corrected

1. [TEMPERATURE IS TOO HIGH] error may happen even in use under recommended ambient temperature.



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Firmware Revision Record

6/27/2006

Model: SP-300/300V SP-540V	Version: Current 5.80	New 5.90
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*** Be sure to upgrade the Firmware to Ver.5.90 and above when using ECO-SOL MAX ink.**

Change in Spec

1. The function of preventing nozzle deflection and clogged nozzle for ECO-SOL MAX ink has been added.
 - When the printer is in sleep mode for 24 hours, the secondary power will come on and a nozzle flushing sequence is performed. Secondary power will shut off automatically when this process is completed.

Note:

* Please leave the main power on even if the machine is not used for a long time. Also, note that [SLEEP] should remain [ON] in the User menu, because if you set [SLEEP] to [OFF], the secondary power will be always on and this function won't work.



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Firmware Revision Record

6/27/2006

Model:

SP-300/300V
SP-540V

Version:

Current
5.70

New
5.80

Change in Spec

1. In System Report at USERS MODE and SERVICE MODE, the display location of [Ink Type] and [Ink remain (1-4)] has been changed.
2. ECO-SOL MAX ink has been supported.

Following Problems have been Corrected

1. In [SERVICE MENU] > [HISTORY MENU], "PUMP TIMES" was not able to be cleared.

