



Guidance on how to use the Samba cartridge



The below links lead to Fuji's customer hub. Please use your login credentials or request access [here](#) with your Dimatix Materials Printer (DMP) serial # that's found on the back of your printer or in the "About" section of the printer software.

1. Cartridge Data Sheet & Ideal Fluid Requirements

2. Printer Software for the DMP

DMP-2850

[Download and install Drop Manager V3.2](#)

DMP-2831

[Download and install Drop Manager V2.1](#)

3. Printer Firmware for the DMP

DMP-2850

[Download and install the FPGA and Firmware](#)

DMP-2831

None needed

4. Waveform and Cartridge Settings Files

DMP-2850 and DMP-2831

[Download and install the Cartridge Settings and Waveform](#)

5. Selecting Cartridge Type

Guidance on how to select 12-jet cartridge

[How to select 12-jet cartridge in the Drop Manager software](#)

6. Setting the Cartridge Angle

Guidance document & Table of correlation

[Set Cartridge Angle / Print Resolution](#)

Frequently Asked Questions:

Will the new Samba cartridge be compatible with the current Dimatix Materials Printer?

Yes, the new Samba cartridge will be compatible with any DMP-2800 series printers. There is no form factor change from the legacy version and will fit right in your printer.

What software version of the Drop Manager will be needed in order to properly use the new cartridge?

Drop Manager version 3.2 or later will be needed for DMP-2850 printers and version 2.1 or later for DMP-2831 printers.

Can the same fluid and waveform that was used with the legacy cartridge also be used with the new Samba cartridge?

Like the Samba printhead, the ideal fluid viscosity needed for use with the new Samba cartridge is in the range of 4-8 cps. If the fluid viscosity is higher than 8 cps, increasing the jetting temperature (controllable with the DMP) may help to effectively lower its viscosity. The Samba cartridge waveform is recommended as a starting point for jetting optimization and is available for download in our Customer Hub.

To order the new Samba cartridge for your DMP, please email our Customer Service at: Sales@integrityintegration.com

For service for your Samba cartridge, please email our helpdesk at: Helpdesk@integrityintegration.com

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