MIMAKI™

Color Management System

MPM3
Mimaki Profile Master

Expand creativity

Excellent color reproducibility

Advanced color management that ensures the desired color results

1

Advanced device-profile creation
Upgraded color representation

Simple profile-creation steps!

Creating optimal device profiles that match various types of media and inks by following the wizard.[1]

Custom device profiles maximize the performances of printers and inks. In addition to device (output)-profiles, input profile creation is also available.[2] This feature delivers the results that best match clients' needs by creating optimal profiles.

Excellent color reproducibility allows for the creation of attractive prints

Creation of a device profile that accommodates "Mimaki Expand Color," a new input profile of RasterLink6Plus, is possible. "Mimaki Expand Color" can reproduce more vibrant solid colors and brighter skin tones than a conventional input profile and provide more attractive print results with high-contrast color shades.

[1] Device profile :
An output profile for RasterLink series, Mimaki original RIP software
[2] It is by the version 3.1.14 or later of MPM3.

Effectiveness of "Mimaki Expand Color"
A new input profile of RasterLink6Plus

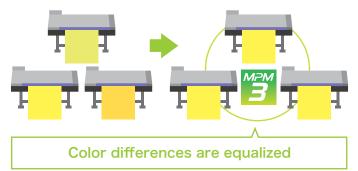| Conventional input profile	Mimaki Expand Color

Brighter pastel / pale colors

Bright places are brighter and dark places are expressed darker.
High-contrast color shades make the print more impressive.

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2 Accurate color matching among multiple printers

Equalization:
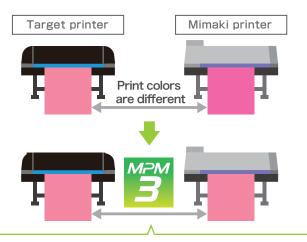Matching colors among the same printer models.

This function equalizes the color differences among prints that are printed from multiple printers.Color differences among multiple printers are simply equalized by measuring color charts. This capability allows the same image to be simultaneously printed using multiple printers, thereby enabling large-lot orders to be completed in a short time or undertaking of urgent orders.

Color differences are equalized

Emulation: Reproducing colors that are equivalent to those printed by other manufacturers' printer models.

The new emulation capability reproduces colors that are equivalent to those produced by different printer models, including ones from other manufacturers, by measuring color charts using a colorimeter. This capability eliminates color-matching issues that occur when replacing or adding printers.

Target printer	Mimaki printer

Print colors are different

Reproducing the color of the target printer

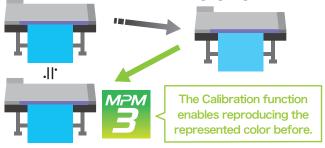## 3 Calibration: Maintaining print color of a single printer

After printer maintenance, in particular, after printhead replacement, print colors may differ from the specified ones. Color differences are calculated after measuring color charts using a colorimeter. Since the differences are described as numerical values, anyone without expert knowledge can recognize and correct color differences.[*3]
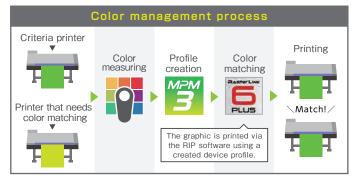

Color measurement with a colorimeter

*3:Delta E (ΔE) values are used for describing color difference.

Brand-new printer

The print color changes because of printhead replacement or aging degradation.

The Calibration function enables reproducing the represented color before.

Color management process

Criteria printer ▼

Printer that needs color matching ▼

Color measuring → Profile creation → Color matching → Printing

The graphic is printed via the RIP software using a created device profile.

\Match!/

OS	Windows Vista, Windows7, Windows8, Windows8.1, and Windows10
CPU	Intel Core2Duo 1.8 GHz or higher
Memory	1 GB or higher
HDD	30 GB or higher
Interface	USB 2.0, Ethernet
Compatible colorimeter	X-Rite i1Pro/Pro2, X-Rite i1iO/iOS2, X-Rite i1iSis and Barbieri Spectro LFP
Compatible Mimaki printer model	Printers that have USB 2.0 or Ethernet port
Language	English/Japanese