



Giving Shape to Ideas

All The Tools You Need to Control Colour. And Succeed.

**Color Care**





### Check

Color Care Catch confirms that the RIP is functioning properly. Linearization ramps and colour targets are measured after calibration to ensure smooth and expected results every time.

An exclusive PDF test chart is supplied with the software, which is utilized for accurate colour setup.

### Control

Verification and control of all printed products including proofs, conventional and digital prints are handled easily in Color Care. Relevant standards such as ISO 12647-2/7/8 are fully supported. With the optional CurveCore module CMYK curves can be created and used to confirm your prints meet the G7 definition.

### Maintain

Tracking and maintaining the colour accuracy on a production device or a fleet of devices is easily accomplished within the software. Statistics pertaining to a particular QC job can be run at certain intervals, displayed and can be interpreted easily. Optimal recalibration procedures can be defined by analysis of the data.

### Baseline

Engine parameters and adjustments such as density balance, gamma offset and colour density control (CDC) are measured through Color Care Catch. These files are uploaded back to the engine to ensure its proper operation before any colour set-ups are performed.

### Profile

Industry standard profiling test charts such as the IT87.4 are used to create custom ICC profiles. The software supports an averaging feature as well as profile optimization to ensure your profiles are created as accurately as possible. Device links can also be created in Color Care Linker for easy implementation.

### Refine

ICC profiles can be optimized and fine-tuned by using the Color Care Match Patch module. Colour bars are supported and allow for easy integration. Spot and brand colours can also be optimized to ensure the most accurate colour match.

## Every Tool You Need in an Integrated Suite

### FD-5BT Spectrodensitometer

Konica Minolta's FD-5BT Spectrodensitometer makes the perfect companion to your Color Care Suite. Its original Virtual Fluorescence Standard (VFS) processing enables you to measure colour more accurately by taking account of the fluorescence of your substrate. You can perform both UV-included and UV-excluded measurements, so it is the only device you will need—and it is also the industry's first spectrodensitometer to comply with ISO 13655:2009 M1 specification. Only the FD-5BT combines all these performance advantages:

- UV-included and UV-excluded measurements are taken at the same time for both single patch measurements and scanning modes.
- LED light source for lower energy consumption, longer life and greater durability.
- 30 data sets can be stored for both density and colourimetric values.
- Both GRACol and SWOP references can be readily accessible.
- USB 2.0 interface with easy connectivity in both PC and Macintosh environments.
- Extremely precise 0.3 Delta E 2000 inter-instrument agreement for consistent and repeatable measurements.
- Approximately 2,000-measurement capability with rechargeable lithium-ion battery.





## Color Care Modules



**Color Care Catch:** Your central measurement and analysis tool, including the measurement-based processes and routines you will need to set up engine parameters, maintain even density and colour balance across each sheet, improve accuracy, and maintain maximum density values post-fusing. Each “job” measurement defines your target, measuring device, measurement and file location, reference and tolerance values. You can also perform statistical analysis on colour critical jobs, ensuring correct colour throughout the production run.



**Color Care Profiler:** Enables you to create ICC profiles for Konica Minolta bizhub® PRESS and bizhub PRO equipment as well as other digital devices on your floor. You can specify media and special requirements and use a single page CMYK target or a 4-page IT87.4 target. Easy-to-use pull-down menus and drag-and-drop functionality allow you to generate the profile you need.



**Color Care Match Patch:** Lets you optimize ICC profiles by comparing measured colour patches to reference values for each patch. Match Patch can improve spot colours, enhance critical colour patches, correct colour drift or deviation between print runs and improve tolerances to meet critical specifications.



**Color Care Display:** Makes it easy to calibrate your LCD monitor to the same colour values of your output devices. It creates accurate ICC profiles for CRT, TFT and notebooks. Furthermore, ambient light measurement and adjustment of viewing booth is supported.



**Color Care Linker:** This Color Care module lets you create device link profiles to ensure consistent colour output across multiple digital production devices from Konica Minolta and other manufacturers.



**Color Care Tuner:** Allows you to fine-tune your CMYK spot colour matching for superior results with any output device on any substrate.



**CurveCore:** With the CurveCore option, you can calibrate grayscale to meet certified G7 standards, producing gray balance and tonal characteristics defined by the G7 specification. CurveCore software incorporates IDE Alliance's G7 calibration and quality control functions for printer drivers, RIPs, process control systems and stand-alone printers, enabling you to calibrate virtually any colour printer to accurate, repeatable G7 performance.

## KONICA MINOLTA Color Care

### Spectrophotometer Compatibility:

Konica Minolta FD-5  
Konica Minolta FD-5BT  
Konica Minolta FD-7  
Xrite i1iSis XL  
Xrite i1Pro  
Xrite i1Pro 2

### OS Compatibility

#### Windows:

Windows XP (x32, x64)  
Windows Vista (x32, x64)  
Windows 7 (x32, x64)

#### Mac OS X:

10.5.x  
10.6.x  
10.7.x  
10.8.x



## Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

### Information Management

*Enterprise Content Management (ECM)*

*Document Management*

*Automated Workflow Solutions*

*Business Process Automation*

*Security and Compliance*

*Mobility*

### IT Services

*Application Services*

*Cloud Services*

*IT Security*

*Managed IT Services*

*IT Consulting and Projects*

### Technology

*Office Multifunction Business Solutions*

*Commercial and Production Printers*

*3D Printers*

*Wide Format Printers*

*Laptops, Desktops and  
Computer Hardware*

*Servers and Networking Equipment*

*Optimized Print Services (OPS)*

*Facilities Management*



**KONICA MINOLTA**

**KONICA MINOLTA BUSINESS SOLUTIONS (CANADA) LTD.**  
5875 Explorer Drive, Suite 100, Mississauga, ON L4W 0E1

[www.konicaminolta.ca](http://www.konicaminolta.ca)



Item #: ColorCareB  
02/15-C