



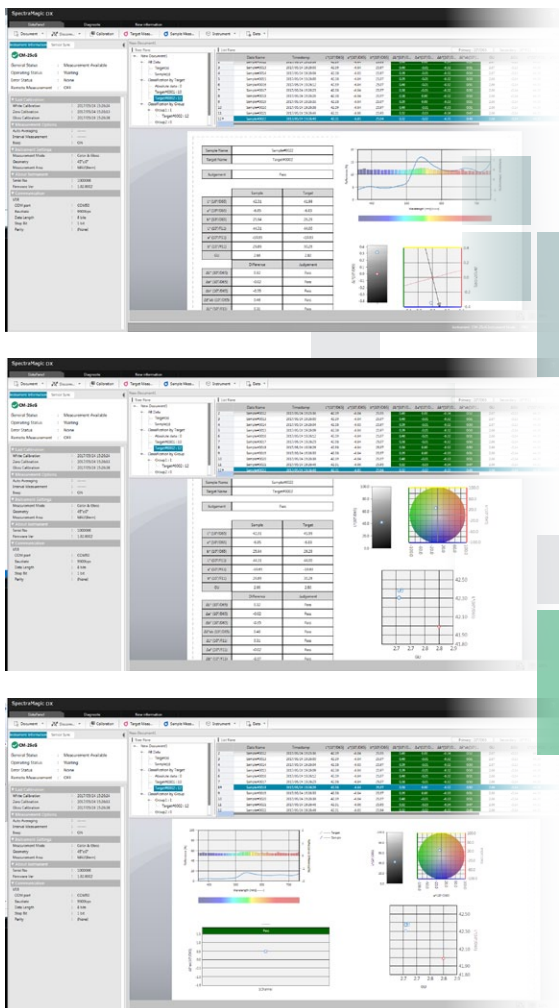
KONICA MINOLTA

# Color Data Software SpectraMagic DX

(Version 1.3)

Professional Edition  
Lite Edition

## New QC software with a new Instrument Diagnosis function !



### Instrument Diagnosis function :


A new function to help ensure continued high instrument performance such as repeatability, reproducibility, or lamp output by measuring your color tiles etc.

Minimum Computing Requirements	
OS	Windows® 10 Pro 32-bit, 64-bit, Windows® 11 Pro
CPU	Intel® Core i5 2.7GHz or higher (recommended)
Memory	At least 2 GB (4 GB or more recommended)
Hard disk	20 GB of available hard disk space At least 10 GB of available disk space is required on the system drive (drive where the OS is installed) for database.
Display	Display hardware capable of displaying 1,280 x 768 pixels/16-bit color or better
Other	Two USB ports required for protection key if used. Not necessary for electronic license. USB or serial port required for connection to instrument.
Compatible Instruments	
Models	CM-M6
Features	
Color space	L*a*b*, L*C*h, Lab99, LCh99, Lab99o, LCh99o, XYZ, Hunter Lab, Yxy, L*u'v', L*u'v*, and their color differences; Munsell C, Munsell D65
Index	MI, Color assessment, FF, WI (CIE 1982), Tint (CIE 1982), WI (ASTM E313-73), WI (Hunter), YI (ASTM E313-73), YI (ASTM D1925), WI (ASTM E313-98, Berger, Taube, Stensby), YI (ASTM E313-98, DIN 6167), WB (ASTM E313-73), Tint (ASTM E313-98), and their differences, user equation, Standard Depth (ISO 105.A06), Brightness (TAPPI T452, ISO 2470), Density (Status A, Status T), Dominant Wavelength, Excitation Purity, RXRYRZ, Shade sorting 555, Strength (Tristimulus XYZ, Pseudo tristimulus XYZ), Staining degree (ISO 105.A04E), Staining degree rating (ISO 105.A04E), NC#, NC# Grade, Ns, Ns Grade, Grey Scale (ISO105.A05), Grey Scale Rating (ISO 105.A05), K/S strength (Apparent ( $\Delta E^*_{ab}$ , $\Delta L^*$ , $\Delta C^*$ , $\Delta H^*$ , $\Delta a^*$ , $\Delta b^*$ ), Maximum absorption, total wavelength, user wavelength)
Color difference formula	$\Delta E^*_{ab}$ (CIE 1976), $\Delta E^*_{94}$ (CIE 1994) and each component of lightness, saturation and hue, $E_{00}$ (CIE DE2000) and each component of lightness, saturation and hue, $\Delta E_{99}$ (DIN 99), $\Delta E$ (Hunter), CMC (l:c) and each component of lightness, saturation and hue, FMC-2, NBS 100, NBS 200, $\Delta E_c$ (degree) (DIN 6175-2), $\Delta E_p$ (degree) (DIN 6175-2), $\Delta E_c$ (Audi 2000), $\Delta E_p$ (Audi 2000), $m\Delta E_c$ (Audi 2000), $m\Delta E_p$ (Audi 2000), $\Delta E_c$ Max (Audi 2000), $\Delta E_p$ Max (Audi 2000)
Observer	2° or 10° Standard Observer
Illuminants	A, C, D50, D55, D65, D75, F2, F6, F7, F8, F10, F11, F12, U50, ID50, ID65
Graph display	Spectral graph (reflectance, transmittance, K/S, Absorbance and its differences), L*a*b* absolute value, $\Delta L^*a^*b^*$ (color difference, MI), Hunter Lab absolute value, $\Delta$ Hunter Lab (color difference), Trend graph of each numerical value, 2-axis graph of any 2 numerical values, Pseudo color display
Instrument control	Measurement/calibration: Automatic averaging measurement: 2 to 30 measurements Manual averaging measurements: User-determined number of times (The standard deviation and average for the color space selected for measurement are displayed.) Remote measurement List display/reading of sample/target data stored in instrument memory Writing of target data to instrument memory
Instrument diagnosis	Checked characteristics : Repeatability, reproducibility
Target data	Target data can be registered. Main target and working targets under main targets can be used. Manual input of colorimetric or spectral target data possible.
Data list	Listing of target data and sample data, Editing (delete, sort, average, copy & paste), Display of pass/fail ratio, Visual judgement result input function, Additional data information inputting/listing function, Data grouping by target
External I/O	Importing/exporting of data file (s) in original formats (Extension: mesx)
	Importing/exporting of template file (s) in original formats (Extension: mtpx)
	Importing of SpectraMagic NX data files (Extension: mes)
	Importing of SpectraMagic NX template files (Extension: mtp)
	Importing/exporting of data in text format Saving of data in XML format Exporting of data in Excel Copying of lists to clipboard
Displayed Languages	(Selectable after installation) English, Japanese, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Polish, Simplified Chinese, and Traditional Chinese
Help	Manual, "Precise Color Communication" Tutorial
Other	
Screen display	Number of files that can be opened simultaneously: 10 Number of data that can be stored in a file: 10,000 Instrument detailed status window

: Available on Professional Edition only

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- Intel® Core is a trademark or registered trademark of Intel Corporation in the USA and other countries.
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**SAFETY PRECAUTIONS**



For correct use and for your safety, be sure to read the instruction manual before using the product.

ISO Certifications of KONICA MINOLTA, Inc., Sakai Site



JQA-QMA1588  
Design, development, manufacture/  
manufacturing management, calibration, and  
service of measuring instruments



JQA-E-80027  
Design, development,  
manufacture, service and sales  
of measuring instruments

<b>KONICA MINOLTA, INC.</b>	Osaka, Japan			
<b>Konica Minolta Sensing Americas, Inc.</b>	New Jersey, U.S.A.	PHONE: (888)473-2656 (in USA), +1(201)236-4300 (outside USA)	FAX: +1(201)785-2480	E-Mail: service.us@konicaminolta.com
<b>Konica Minolta Sensing Europe B.V.</b>	European HQ/ BENELUX German Office French Office UK Office Italian Office Swiss Office Nordic Office Polish Office Turkish Office	Nieuwegein, Netherlands München, Germany Roissy CDG Cedex, France Warrington, United Kingdom Cinisello Balsamo, Italy Dietikon, Switzerland VÄSTRA FRÖLUNDA, Sweden Wrocław, Poland Istanbul, Turkey	PHONE: +31(0)30 248-1193 PHONE: +49(0)89 4357 156 0 PHONE: +33(0)1 80 11 10 70 PHONE: +44(0)1925 467300 PHONE: +39 02849488 00 PHONE: +41(0)43 322-9800 PHONE: +46(0)31 7099464 PHONE: +48(0)71 73452-11 PHONE: +90(0)216-528 56 56	E-Mail: info.benelux@seu.konicaminolta.eu E-Mail: info.germany@seu.konicaminolta.eu E-Mail: info.france@seu.konicaminolta.eu E-Mail: info.uk@seu.konicaminolta.eu E-Mail: info.italy@seu.konicaminolta.eu E-Mail: info.switzerland@seu.konicaminolta.eu E-Mail: info.nordic@seu.konicaminolta.eu E-Mail: info.poland@seu.konicaminolta.eu E-Mail: info.sensing@konicaminolta.com.tr
<b>Konica Minolta (CHINA) Investment Ltd.</b>	SE Sales Division Beijing Office Guangzhou Office Chongqing Office Qingdao Office Wuhan Office Shenzhen Office	Shanghai, China Beijing, China Guangzhou, China Chongqing, China Shandong, China Hubei, China Shenzhen, China	PHONE: +86-(0)21-6057-1089 PHONE: +86-(0)10-8522 1551 PHONE: +86-(0)20-3826 4220 PHONE: +86-(0)23-6773 4988 PHONE: +86-(0)532-8079 1871 PHONE: +86-(0)27-8544 9942 PHONE: +86-(0)755-2868 7535	E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com E-Mail: hcn_sensing@gcp.konicaminolta.com
<b>Konica Minolta Sensing Singapore Pte. Ltd.</b>	Singapore	PHONE: +65 6563-5533		E-Mail: se-service.sg@konicaminolta.com
<b>Konica Minolta Sensing Korea Co., Ltd.</b>	Korean HQ / Kintex Cheonan Office	Goyang-si, Korea Cheonan-si, Korea	PHONE: +82(0)2-523-9726 PHONE: +82(0)41-556-9726	FAX: +82(0)31-995-6511

Addresses and telephone/fax numbers and e-mail address are subject to change without notice.  
For the latest contact information, please refer to KONICA MINOLTA Worldwide Offices web page:

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