KONICA MINOLTA

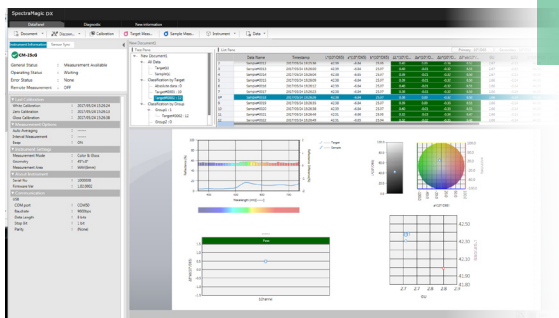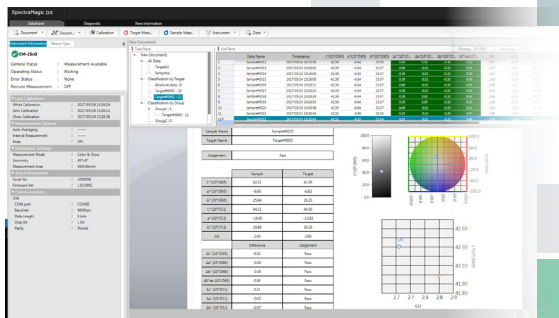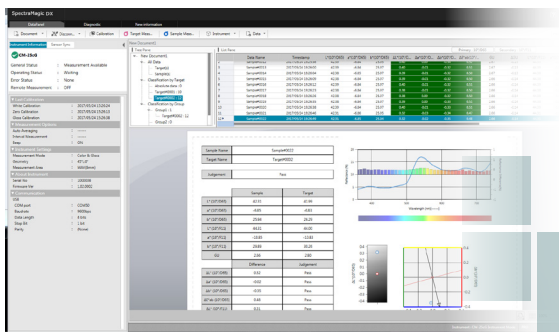## Color Data Software

SpectraMagic DX
(Version 1.1)

Professional Edition 2
Lite Edition

New QC software with a new Instrument Diagnosis function !

■**Now compatible with more instruments!**

- Spectrophotometer CM-25cG • Spectrophotometer CM-2500c
- Spectrophotometer CM-M6 • Spectrophotometer CM-700d / CM-600d
- Spectrophotometer CM-2600d / CM-2500d / CM-2300d

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.

The Standard in Measuring Color & Light

Giving Shape to Ideas

Minimum Computing Requirements	
OS	Windows® 7 Pro 32-bit, 64-bit (Windows® 7 SP-1 or later); Windows® 8.1 Pro 32-bit, 64-bit; Windows® 10 Pro 32-bit, 64-bit
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-25cG, CM-2500c, CM-M6, CM-700d, CM-600d, CM-2600d, CM-2500d, CM-2300d

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, Gloss (CM-25cG), FF (CM-M6), 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 (ΔE*ab, ΔL*, ΔC*, ΔH*, Δ a*, Δb*), Maximum absorption, total wavelength, user wavelength)
Color difference formula	ΔE*ab (CIE 1976), ΔE*94 (CIE 1994) and each component of lightness, saturation and hue, E00 (CIE DE2000) and each component of lightness, saturation and hue, ΔE99(DIN 99), ΔE99o, ΔE(Hunter), CMC (l:c) and each component of lightness, saturation and hue, FMC-2, NBS 100, NBS 200, ΔEc (degree) (DIN 6175-2), ΔEp (degree) (DIN 6175-2), ΔEc (Audi 2000), ΔEp (Audi 2000), mΔEc (Audi 2000), mΔEp (Audi 2000), ΔEc Max (Audi 2000), ΔEp 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, ΔL*a*b* (color difference, MI), Hunter Lab absolute value, ΔHunter 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, lamp output
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

⚠ **SAFETY PRECAUTIONS**

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

Certificate No : LRQ 0960094/A
Registration Date : March 3, 1995

Certificate No : JQA-E-80027
Registration Date : March 12, 1997

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http://konicaminolta.com/instruments/network

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