Color Management Software
Color Mate

NDK
NIPPON
Advanced Technology in Color and Brightness.
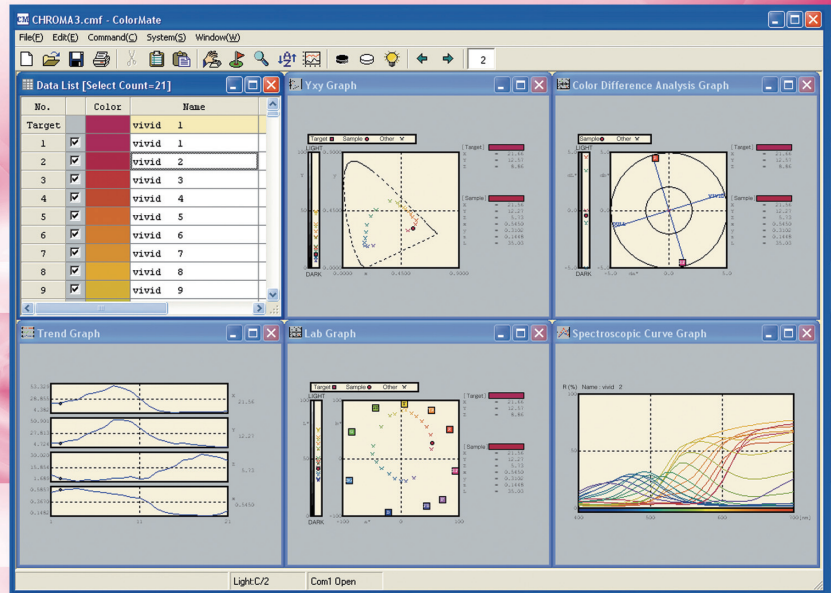**DENSHOKU**

Color Mate has a cooperative software with all kinds of instruments which is useful for analyzing and managing the measurement data. It is possible not only to display the data of measurement, spectroscopic curve, Lab graph, Yxy graph, color deviation criterion chart, trend graph and spectral data, but also to caluculate standard variation, maximum value, minimum value and average value without depending on commercial-release software.

*The features, specification, operating environment and contens may be changed for betterment without a permit.

Features

1. Versatile display
It is possible to display a list of data, spectroscopic curve graph, Lab graph, Yxy graph, color deviation criterion chart, trend graph, spectral reflectance values, and numerical data, etc.

2. Data compiling using a list of data
It is possible to calculate standard deviation, maximum value, and mean value without using a spreadsheet software.

3. Text file
Converted text file can be used in a spreadsheet software, which will give you an advantageous effect on your own data analysis.

4. Data judgement function
A difference between measured values and reference values can be judged whether it is within the allowed range of tolerance or not. It can be done by $\triangle$L*a*b*E*, $\triangle$LabE, or $\triangle$L*u*v*.

Specifications

Display / print	List of data, spectroscopic curve graph*, Lab graph, Yxy graph, color deviation criterion chart, trend graph, spectral data* (reflectance, absorbance, K / S), and data.
Color system	XYZ, xyz, L*a*b*, Hunter Lab, L*u*v*, L*C*h* (ab), L*C*h* (uv), Munsell HVC, whiteness, yellowness, $\triangle$XYZ, $\triangle$xyz, $\triangle$L*a*b*E*, $\triangle$Hunter LabE, $\triangle$C*H* (ab), $\triangle$C*H* (uv), $\triangle E_{CMC}$, $\triangle E_{FMC2}$, $\triangle E*_{94}$, whiteness difference, yellowness difference, metamerism, density CMYK, NC# grade, etc.
Observation Condition	• Light source : A, B, C, D_{50}, D_{55}, D_{65}, D_{75}, F_2, F_6, F_7, F_8, F_{10}, F_{11}, F_{12} • Field of view : 2°, 10°
Number of data	500 data pieces and 1 reference data piece can be stored in one file.
Others	Data Searching, Data sorting, Averaging mesurement, Automatic measurement *Those marked cannot be used by a tristimulus (XYZ) type color meter.

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Environment for use

OS	Windows 98, ME, 2000, XP, Vista
Computer	CPU : Pentium 300MHz or more is recommended. Memory : 128MB or more is recommended. Hard disk drive : 10MB of available space at least CD-ROM drive : A drive that can read CD-ROM is necessary. Display : 800 x 600 or more, 64000 color or more Interface : Built-in serial port is necessary.