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You can read the recommendations in the user guide, the technical guide or the installation guide for KONICA MINOLTA CM-2600D. You'll find the answers to all your questions on the KONICA MINOLTA CM-2600D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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SPECTROPHOTOMETER CM-2600d

Portable, Compact, Easy to Use
Performs Like a Desktop Spectrophotometer
World's first portable spectrophotometer equipped with automatic
UV adjustment function.
Advanced Numerical UV Control dramatically reduces evaluation time.



The essentials of imaging



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Manual abstract:

This improves working efficiency, and provides stable measured data since the measurement area does not shift when the mode is switched. And also Relativity Gloss Value can be displayed by using Numerical Gloss Control. ·SCI is a method in which measurements are taken with the specular reflection included. For this reason, it minimizes influences of the surface condition of a sample, and is especially suitable for color quality control and Computer Color Matching. Relativity Gloss Value ·SCE is a method in which measurements are taken The LCD specifications are subject to excluding the specular reflection. For this reason, it change without prior notice. provides measurement results similar to those observed by the human eye. Light source for evaluation of specular component Light source for SCI Powerful partnership between TM CM-2600d and SpectraMagic NX Color Data Software Promotes accurate color communication. Conforms to all widely accepted industry standards and allows measurements in all commonly used color spaces. The optics use an integrating sphere to provide diffuse illumination/8-degree viewing system.

The CM-2600d conforms to all widely accepted industry standards including ISO, JIS, DIN, CIE and ASTM, and generates measurements in color spaces such as $L^*a^*b^*$, Yxy, Munsell and CMC. SpectraMagic NX TM (Optional) Supports Windows®2000/XP High reliability and long life. Maintenance-free design. The number of moving parts used in the instrument is minimized through the introduction of numerical control technology. The CM-2600d can be used with confidence, since it has been developed, manufactured and calibrated to meet ISO 9001 requirements.

For plastics, paints, resins and consumer products In various applications Expanded LCD display (64 x 240 dots) Displays a large quantity of information (simultaneous display of SCI and SCE data etc.) World's first portable spectrophotometer equipped with instantaneous UV adjustment function. @@@@D65, D50, C). @@@@Measure samples in any of 8 universally accepted color spaces. @@You can even configure up to 3 customized color equations.

@@@@@Step by step navigation help. @@@@@@Easy-to-carry stylish body with an illuminated viewfinder. The instrument is portable and it allows measurements to be taken using two different areas of view ($\phi 8\text{mm}$ and $\phi 3\text{mm}$). The user can choose the most suitable measurement area for the target. The lightweight, easy-to-carry body with the illuminated viewfinder enables the user to position the instrument on the target quickly and accurately. Finder SAV $\phi 3\text{mm}$ MAV $\phi 8\text{mm}$ · Windows® is a trademark of Microsoft Corporation in the USA and other countries. For pharmaceuticals, cosmetics, printing, building materials, textiles etc. Specifications Illumination/ d/8 (diffuse illumination, 8-degree viewing), equipped with simultaneous observation system measurement of SCI (specular component included)/SCE (specular component excluded) Conforms to CIE No.15,ISO 7724/1,ASTM E1164, DIN 5033 Teil7 and JIS Z8722 Condition C standard. Sphere Size $\phi 52\text{mm}$ Light-receiving element Silicon photodiode array (dual 40 elements) Spectral separation device Diffraction grating Wavelength range 360nm to 740nm Wavelength pitch 10nm Half bandwidth Approx.

10nm Reflectance range 0 to 175%, resolution: 0.01% Light source 3 pulsed xenon lamps Measurement time Approx. 1.5 seconds (approx. 2 seconds for fluorescent measurement) Minimum interval 3 seconds for SCI/SCE (4 seconds for fluorescent measurement) between measurements Battery performance Alkaline manganese:approx. 1000 measurements Measurement/ MAV: $\phi 8\text{mm}/\phi 11\text{mm}$ illumination area SAV: $\phi 3\text{mm}/6\text{mm}$ (Selectable between MAV and SAV) Repeatability Spectral Reflectance:Standard deviation within 0.1% (360 to 380nm within 0.2%) Colorimetric Value : Standard deviation within E^*ab 0.04(Measurement conditions:White calibration plate measured 30 times at 10-second intervals after white calibration was performed) Inter instrument within E^*ab 0.2 (MAV/SCI) Average for 12BCRA Series II color agreement tiles compared to values measured with master body.

UV adjustment Instantaneous numerical adjustment (no mechanical adjustment required) With UV400nm cut filter Measurement Single measurement/automatic averaging of multiple measurements mode (auto mode: 3, 5, 8 times/manual mode) Interface RS-232C standard Observer 2/10 degrees (CIE 1931/2°,CIE 1964/10°) Illuminant A, C, D50, D65, F2, F6, F7, F8, F10, F11, F12 (simultaneous evaluation is possible using two light sources) Display data Spectral value/graph, colorimetric value, color difference value/graph, PASS/FAIL result Color space/ $L^*a^*b^*$, L^*C^*h , CMC (1:1), CMC (2:1), CIE94, Hunter Lab, Yxy, Munsell, XYZ, colorimetric data MI, WI (ASTM E313), YI (ASTM E313/ASTM D1925), ISO Brightness (ISO 2470), Density status A/T, WI/Tint (CIE/Ganz), CIE00 Data memory 1700 pieces of data (as SCI/SCE 1 data) * 700 pieces of data in the " defined in COND." mode.

@@@Always connect the instrument to the specified power supply voltage. Improper connection may cause a fire or electric shock. Be sure to use the specified batteries.



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