

Color Meter CM-200S



Features

The meter is designed for measuring the color of no lighting and non-fluorescent sample such as textile, paper, leathers, painting materials, etc. It is the useful tool for the quality control and wide industrial application.

* Color difference displayed $\Delta(L^*, a^*, b^*)$, $\Delta(E^*ab, C^*ab, H^*ab)$, $\Delta(Y, x, y)$, $\Delta(X, Y, Z)$, $\Delta(Rs, Gs, Bs)$ or $\Delta(WI, YI, Tw)$.

* Color space displayed (L^*, a^*, b^*) , (L^*, C^*ab, hab) , (Y, x, y) , (X, Y, Z) , (Rs, Gs, Bs) or (WI, YI, Tw) .

* Statistical function (Maximum, Minimum, Average and Standard Deviation).

Specification

Display: Triple 4 digit LCD Display

Auto power off: Approx. 3 minutes

Data memory capacity: 99 set. (Direct reading from LCD display)

Low battery indication:

Illuminating/Viewing geometry: $45^\circ/0^\circ$: Illumination at 45° , measurement at 0°

Measuring area: Color difference: (L^*, a^*, b^*) , (E^*ab, C^*ab, H^*ab) , (Y, x, y) , (X, Y, Z) , (Rs, Gs, Bs) or (WI, YI, Tw)

Color space: (L^*, a^*, b^*) , (L^*, C^*ab, hab) , (Y, x, y) , (X, Y, Z) , (Rs, Gs, Bs) or (WI, YI, Tw)

Target color memory: 9 channel; set by measurement or keypad

Measuring range: L^* : 5 to 100

Measurement conditions: Observe: CIE 2° Standard Observer

Illuminant: White LED lamp

Repeatability: Standard deviation within E^*ab 0.5 (Measurement conditions: Average of measurements of standard white plate)

Minimum interval between measurements: Approx. 2 seconds

Operating temperature and humidity: $0\sim 40^\circ\text{C}$ ($32\sim 104^\circ\text{F}$), $< 85\%\text{RH}$.

Storage temperature and humidity: $-10\sim 40^\circ\text{C}$ ($14\sim 104^\circ\text{F}$), $< 70\%\text{RH}$.

Power source: 4x1.5 AAA (UM-4) Battery

Dimensions: 140x73x35mm (5.5x2.9x1.4inches)

Weight (Not Including Batteries): Approx. 220g with battery



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Standard Accessories:

- Main Unit
- Measuring head
- White calibration card
- Carrying Case (B04)
- Manual

Optional Accessories:

- USB Data Cable with Software
- Bluetooth Data Adapter with Software



PICTURE



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