

TES-135 Color Meter



FEATURES

- Check the color difference between two samples.
- Color difference displayed
- Color space displayed

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| $\Delta(L^*, a^*, b^*)$ | (L^*, a^*, b^*) |
| $\Delta(E^*ab, C^*ab, H^*ab)$ | (L^*, C^*ab, hab) |
| $\Delta(Y, x, y)$ | (Y, x, y) |
| $\Delta(X, Y, Z)$ or | (X, Y, Z) or |
| $\Delta(Rs, Gs, Bs)$ | (Rs, Gs, Bs) |



- Maximum, Minimum and Average function.
- Tolerance function.
- Auto memory (99 sets) & Read function.
- RS232 interface.



SPECIFICATION

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| Display | Triple 4 digit LCD display |
| Illuminating / Viewing geometry | 45° / 0° – 1 illumination at 45°, measurement at 0° |
| Measuring area | Approx. ϕ 2mm |
| Display modes | Color difference $\Delta(L^*, a^*, b^*)$, $\Delta(E^*ab, C^*ab, H^*ab)$, $\Delta(Y, x, y)$, $\Delta(X, Y, Z)$ or $\Delta(Rs, Gs, Bs)$ Color space (L^*, a^*, b^*) , (L^*, C^*ab, hab) , (Y, x, y) , (X, Y, Z) or (Rs, Gs, Bs) . |
| Target color memory | 8 channel ; set by measurement or keypad |
| Measuring range | L^* : 10 to 100 |
| Measurement conditions | Observe : CIE 2° Standard Observer. Illuminant : White LED lamp. |
| Repeatability | Standard deviation within ΔE^*ab 0.5 (Measurement conditions : Average of measurements of standard white plate). |
| Minimum interval between measurements | Approx. 2 seconds |
| Auto data Memory & Read | 99 sets |
| Auto power off | Approx. 3 minutes |

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| Power source | One 9V battery and DC 9V AC adapter input |
| Battery life | Approx. 500 measurements at 10 – sec intervals |
| Operating temperature/ humidity range | 0°C to 40°C (32°F to 104°F) ; less than 85% relative humidity |
| Storage temperature/ humidity range | -10°C to 40°C (14°F to 104°F) ; less than 70% relative humidity |
| Dimensions | 172mm × 118mm × 46mm |
| Weight | Approx. 220g |
| Accessories | Instruction manual, Battery, AC adapter, RS232 cable, software CD. |