TES 3250 COLOR METER

FEATURES

- ♦ Check the color difference between two samples
- ♦ Economical, Portable and easy to use
- ♦ Color difference displayed Δ(L*,a*,b*), Δ(E*ab, C*ab, H*ab), Δ(Y, x, y), Δ(X, Y, Z), Δ(Rs, Gs, Bs) or Δ(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)
- ♦ Color difference tolerance set to perform PASS/WARN/F/
- ♦ Store 9 color – difference target colors
- ♦ User calibration function ensures higher accuracy
- ♦ Auto memory (99 sets) & Read function
- ♦ Auto Power off function
- ♦ LCD backlight function
- ♦ Mini-USB interface.

SPECIFICATIONS

Display	Triple 4 digit LCD display
Illuminating / Viewing geometry	45° / 0° : Illumination at 45°, measurement at 0°
Measuring area	Approx. φ10mm
Display modes	Color difference Δ(L*,a*,b*), Δ(E*ab,C*ab, H*ab), Δ(Y, x, y), Δ(X, Y, Z), Δ(Rs, Gs, Bs) or Δ(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 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
Power source	One 9V battery or 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	175mm × 135mm × 50mm
Weight	Approx. 230g
Accessories	Instruction manual, White calibration card, Battery, Mini-USB cable, Software CD.