TES-135 Color Meter

FEATURES

- Check the color difference between two samples.

- Color difference displayed

  Δ(L*,a*,b*)

  Δ(E*ab,C*ab, H*ab)

  Δ(Y, x, y)

  Δ(X, Y, Z) or

  Δ(Rs, Gs, Bs)

- Color space displayed

  (L*, a*, b*)

  (L*, C*ab, hab)

  (Y, x, y)

  (X, Y, Z) or

  (Rs, Gs, Bs)

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

SPECIFICATION

Display	Triple 4 digit LCD display
Illuminating / Viewing geometry	45° / 0° — 1 illumination at 45° , measurement at 0°
Measuring area	Approx.f10mm
Display modes	Color difference Δ(L*,a*,b*)，Δ(E*ab,C*ab, H*ab),Δ(Y, x, y)，Δ(X, Y, Z) or Δ(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
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, RS232 cable, software CD.