![TES logo] **TES**

Reliable in Quality

135 Color Meter

- **Checks color difference between two samples**
- **Color difference displayed in**
    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 in**
    (L*, a*, b*),
    (L*, C*ab, hab),
    (Y, x, y),
    (X, Y, Z) or
    (Rs, Gs, Bs).
- **MAX, MIN & AVG Function**
- **Software with Mini-USB cable**
- **Tolerance function**

Panel

L **65.14**
a **37.82**
b **29.06**

TES *135*
Color Analyzer

DC 9V 300mA

PASS WARN FAIL
T SET CAL MAX M R
WS MIN
8 TOL SD AVG 88 %
ΔE Y*X abRs ±8.8.8.8
ΔC X*Y abGs ±8.8.8.8
ΔH Y*Z abBs ±8.8.8.8

TOL   MAX
        CAL
T   C   R
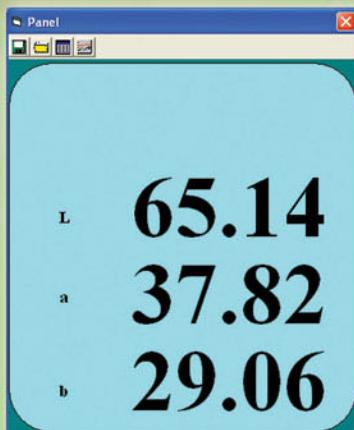
135 Color Meter

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.
- Mini USB interface.

SPECIFICATIONS:

Display	Triple 4 digit LCD display
Illuminating / Viewing geometry	45° / 0° – 1 illumination at 45°, measurement at 0°
Measuring area	Approx. Ø2mm
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, AC adapter, USB cable, software CD.