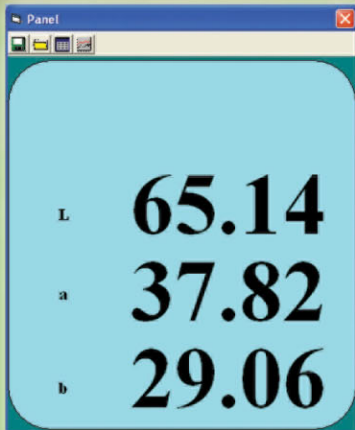


# TES

Reliable in Quality

## 135 Color Meter

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





Reliable in Quality

# 135 Color Meter

## FEATURES :

- Check the color difference between two samples.
- Color difference displayed  $\Delta(L^*, a^*, b^*)$ ,  $\Delta(E^*ab, C^*ab, H^*ab)$ ,  $\Delta(Y, x, y)$ ,  $\Delta(X, Y, Z)$  or  $\Delta(Rs, Gs, Bs)$
- Color space 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 $\Delta(L^*, a^*, b^*)$ , $\Delta(E^*ab, C^*ab, H^*ab)$ , $\Delta(Y, x, y)$ , $\Delta(X, Y, Z)$ 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 $\Delta E^*ab$ 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.



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