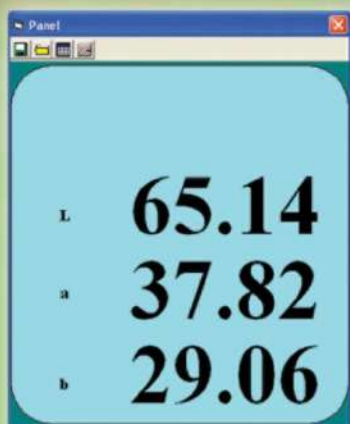


# 135 Color Meter

- 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
  - $\Delta(Rs, Gs, Bs)$
- 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





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 $\Delta(Rs, Gs, Bs)$<br>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.<br>Illuminant : White LED lamp.                                                                                                                                                                             |
| Repeatability                         | Standard deviation within $\Delta E^*ab$ 0.5<br>(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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