

Portable Color Difference Meter TCD100



Features

- Easy Operation make you use it easily
- Widely applied to quality control of plastic and printing industries'
- Display directly color difference by ΔE^*ab , CIE_L*a*b, ΔL^*a^*b , CIE_L*c*h
- Standard deviation within $\Delta E^*ab0.2$ (Test condition: choose avg values by 12 pcs white tabula)
- Measure any color of smooth surface
- It can be connected with computer to do the inspection by soft ware with USB expansion interface.

Technical Specifications

Test accuracy	Within $0.2\Delta E^*ab$
Display	ΔE^*ab , CIE_Lab, L, Δa , Δb , CIE_Lch
Measuring range	L : 0 to 100 a : -128 to 127 b : -128 to 127
Measuring time	About 3 seconds
Measuring interval	About 2 seconds
measuring aperture	$\Phi 8mm$
Automatic shutdown	Automatic shutdown after 5 minutes waiting
Memory	Keep a group of data automatically (Not connected to Pc)
Field of view	10° regulated by CIE
Light source	C light source
Sensor	Correct silicon photodiode (seed rray)
Power	DC/5V (1.5A), two 1.5V (AAA) batteries
Operating environment	0 to $+40^\circ C$; lower than 85% relative humidity
Size	170x50x48.8mm
Weight	204g

Standard delivery

- Main unit
- Dataview software
- USB connecting cable
- Batteries AA 1.5V x 2
- Carrying case
- Certificate
- Warranty card
- Instruction manual

