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　E*ab CIE_L*a*b　L*a*b　CIE_L*c*h
- Standard deviation within　E*ab0.2 (Test condition: choose average 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 Specification

Test accuracy	Within 0.2　E*ab
Display	E*ab CIE_Lab　L　a　b CIE_Lch
Test range	L　0　100　a　　128　127　b　　128　127
Test time	About 3 seconds
Test aperture	8mm
Automatic shutdown	Automatic shutdown after 5 minutes waiting
Light source	C light source
Sensor	Correct silicon photodiode (seed array)
Power	DC/5V (1.5A),　two 1.5V (AAA) batteries
Operating environment	0　　+40　; lower than 85% relative humidity
Size	170× 50× 48.8mm
Weight	204g

Standard Delivery	
Main unit	1
Dataview software	1
USB connecting cable	1
Batteries AAA 1.5V	2
5V external power supply	1
Carrying case	1
Time certificate	1
Warranty card	1
Instruction manual	1

Precise Color Reader TCR200

Features

- The 2.4" width colorful screen and portable design
- 3 kinds of light sources for selection, SCI and SCE mode switch and metamerism analysis for different working status
- Tolerance setting, humanizational auto-judge color difference values and color deviation for judging the color easily
- Professional color analysis software for doing the color data analysis and color difference diagrammatic outputting
- The optical mini printer fulfil the output of data

Technical Specification

Repeat accuracy	0.08(Test the standard white tabula for 30 times to get the average value)
Lighting/inspecting system	8/d (8° Falloff/diffuse reflection) SCI (include Flat Mirror Light) /SCE (eliminate Flat Mirror Light)
Light source	White light source
Inspection angle	10° Angle of view in CIE
Inspection conditions	D65 D50 F11
Rectification	White board rectification Black board rectification
Storage	12 groups of standard samples and it can keep 30 groups of sample values under every standard sample
Display	L*a*b* L*c*h* Chroma values and E*ab（ L*a*b*）（ L*c*h*） color difference values
Test caliber	8mm
Power	4 alkaline batteries or nickel batteries special adapter (DC:5V)
Size	77× 86× 210mm
Weight	550g

Standard Delivery

● Main unit	1
● Dataview software	1
● USB connecting cable	1
● Power source	1
● Standard black cavity	1
● Standard white tabula	1
● Carrying case	1
● Time certificate	1
● Instruction manual	1
● Warranty card	1

Optional Accessories

- Mini printer

www.timeinstrument.com