

Color measurement fast and easy

Micro-System-Technology - for precise color measurement

Quality control - according to DIN EN ISO 9000

Display - CIE_Lab ΔL , Δa , Δb , CIE_Lch



ColorTector Alpha



Spectrophotometric color measurement in pocket size

Characteristics

- Very precise with spectrophotometry
- Measurement of color spaces with CIE_Lab color, CIE_Lch
- Differentiating between color samples
- Can be applied to various flat/smooth

Application

- Quality control of dyed goods in the production
- Color measurement and registration for control of received goods (DIN EN ISO 9000)
- Comparing color programs
- For example in industries such as; textile, furniture, metals or printing and dyeing

Technical specifications

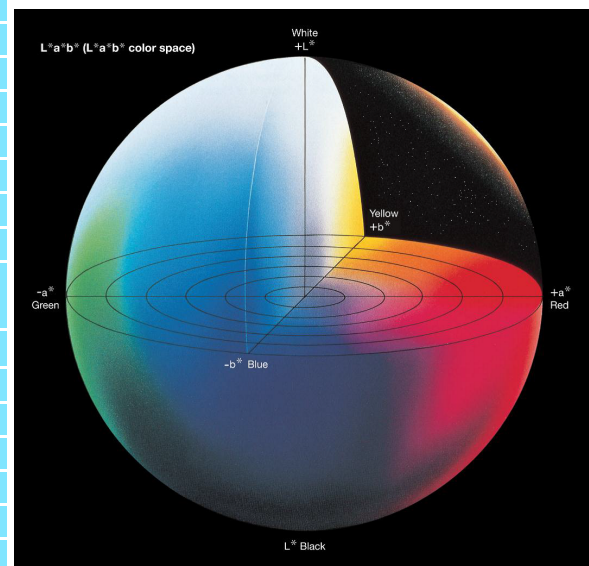
Accuracy:	$0.2 \Delta E^*ab$
Color spaces:	ΔE^*ab , CIE_Lab, ΔL , Δa , Δb , CIE_Lch
Test area:	L: 0-100 a: -128-127 b: -128-127
Test time:	3 seconds
Test aperture:	$\varnothing 8$ mm
Test angle:	CIE 10°
Light source:	C-light source
Sensor:	Correct silicon photodiode arrays
Power:	2 batteries 1,5 Volt
Size:	171 x 50 x 48.8 mm
Weight:	210 g

Environmental operating temp.: 0-40°C, > 85% relative humidity

Delivery range: Users manual, case, 2x 1,5 V batteries, external power supply, USB-cabel, Software

Color difference scope

Perfect:	0~0.25 ΔE
Acceptable:	0.25~0.5 ΔE
Acceptable in some areas:	0.5~1.0 ΔE
Acceptable in some areas:	1.0~2.0 ΔE
Acceptable for speical applic.:	2.0~4.0 ΔE
Not acceptable:	4.0 ΔE



Certificated
according to
ISO EN 9000

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