

# Color measurement fast and easy

**Micro-System-Technology** - for precise color measurement

**Quality control** - according to DIN EN ISO 9000

**Display** - CIE\_Lab  $\Delta L$ ,  $\Delta a$ ,  $\Delta b$ , 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

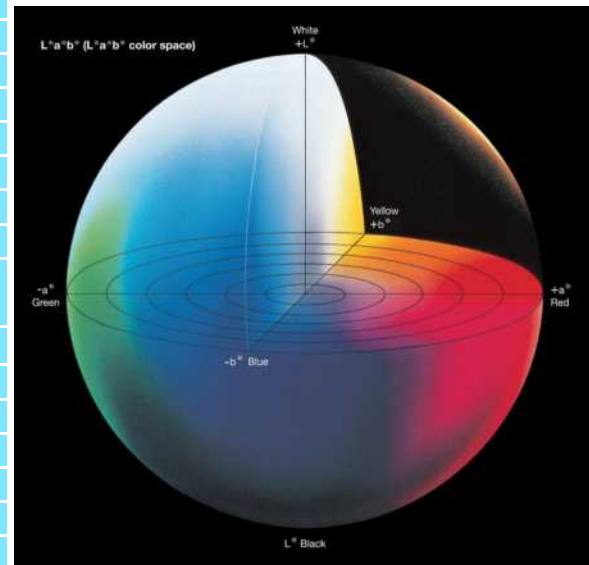
Accuracy:	<math>0.2 \Delta E^*ab</math>
Color spaces:	$\Delta E^*ab$ , CIE_Lab, $\Delta L$ , $\Delta a$ , $\Delta b$ , CIE_Lch
Test area:	L: 0-100 a: -128-127 b: -128-127
Test time:	3 seconds
Test aperture:	$\varnothing 8$ mm
Test angle:	CIE 10°
Light source:	C-light source
Sensor:	Correct silicon photodiode 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 $\Delta E$
Acceptable:	0.25~0.5 $\Delta E$
Acceptable in some areas:	0.5~1.0 $\Delta E$
Acceptable in some areas:	1.0~2.0 $\Delta E$
Acceptable for speical applic.:	2.0~4.0 $\Delta E$
Not acceptable:	4.0 $\Delta E$



Certificated  
according to  
ISO EN 9000

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