



Color reader-verifier Comparer

IDROP D305 allows you to read and compare colours with formats like CMYK, RGB and LAB. you can have your own library pre saved and can be used later to compare with a customers printing colour.

The amazing tool to measure colours accurately.



Android APP Download



IPHONE APP Download

Applications

- ✓ Colour comparing in digital printing
- ✓ Corporate color selection without mistakes
- ✓ Wall and decoration colour selection
- ✓ Quality control on plastics (production)
- ✓ Quality control or colour selection on textiles usable in all kind of industries involving colour checking.

Features

- ▶ Precise colour reading
- ▶ RGB
- ▶ CMYK
- ▶ CIE LAB
- ▶ HEX for web
- ▶ Colour Comparing mode
- ▶ Own library or predefined libraries



USE

Portable, compact and easy to use, simple and with precision. Connect to colour reader mobile app and press button to scan color. Save your own colour libraries. Compare between colours. QC Mode. Quality control mode to checking colored production pieces.

Connect the device to your mobile via Bluetooth LE with the app that you can download from our website. Pressing the button from device you can read the colour from where the device is placed.



Quality Control Mode
QC Test OK.



Quality Control Mode
QC Test Negative.

Installation

Install the APP trough download link from QR code for:
Android 5.0 or greater and Iphone iOS 10.0 or greater.
Scan QR code with your mobile and follow instructions to download APP. You will be asked to download. After that install our secure APP.

The app is downloaded from our website.

145€ retail price

Technical characteristics

Colorimeter Parameters

Illumination geometry

D/8, Specular Component Include (SCI)

Illumination light source

Full spectrum LED light source

Measuring aperture

8mm

Measurement conditions

Light source D65, field of view 10°

Measuring time

About 1 second

Colour space

CIE Lab, Luv, LCh, Yxy, CMYK, RGB, Hex

Colour difference formulae

ΔE^*ab , ΔE^*uv , ΔE^*94 , $\Delta E^*cmc(2:1)$, $\Delta E^*cmc(1:1)$, ΔE^*00

Repeatability

Standard deviation ΔE^*ab is within 0.03 (measurement conditions: after calibration, the average value of 30 measurements on the whiteboard at an interval of 3s)

Battery power

Rechargeable lithium battery 3.7V@700mAh, can be used continuously up to 10.000 times under full charge.

Dimensions

57×57×89.4mm (L*W*H)

Weight

126 gr

Display

0.96" OLED. Lab data on screen.

Data transmission

Bluetooth LE

Charging port

USB (Type-C)

Operating temperature range

0~45°C, 0~85%RH (No condensation)

Storage temperature range

-25~55°C, 0~85%RH (No condensation)

Pre Sales and Post Sales Service

Pre sales and post sales service.
Tutorial Videos available on demand.

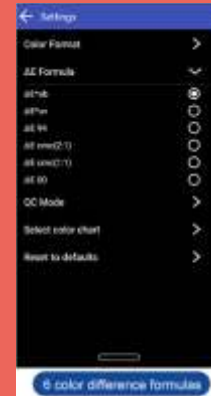
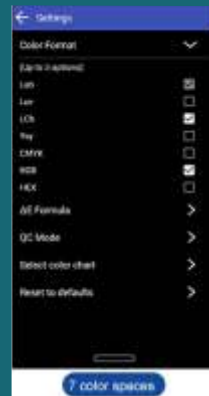
PACKAGING

No.	Description	Quantity
1.	IDROP Colorimeter	1 unit.
2.	USB cable	1 unit.
3.	Cleaning cloth	1 unit.
4.	App QR code card	1 unit.
5.	Regiser Guarantee Card	1 unit.

Certifications

DS305 colorimeter meets the following standards:

GBT 3978-2008 Standard illuminants and geometric conditions.
GBT 3979-2008 Methods for the measurement of object colour.
GBT 7921-2008 Uniform colour space and colour difference formula.
GBT 11186.1-1989 Methods for measuring the colour of paint films-Part 1: Principles.
GBT 11186.2-1989 Methods for measuring the colour of paint films-Part 2: Colour measurement.
GBT 11186.3-1989 Methods for measuring the colour of paint films-Part 3: Calculation of colour differences.
JJG 595-2002 Colorimeters and Colour Difference Meters.




iDROP


Colour reader-verifier and comparer




INKZAR

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