

<p>Portable, contact-free colour measurement</p>		<p>Colour Measuring Device EasyCo 566</p>
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<p>Authentic view-reproduction of measured colours</p>
<p>Wireless data transfer via Bluetooth</p>



Testing equipment for Quality management

CO.FO.ME.GRA.

Technical Description

		<p>Compact colour measuring instrument for industry, trade and service provider</p>
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Purpose and Design

Colour, respectively the colour-relevant sentence, is an important part of the daily life and commonly taken for granted. Often the human eye is the decisive criterion for assessing the accuracy of a colour. Although the human eye becomes tired and generally only perceives colour subjectively, it is still often used for the final release or even criticism of a product's colour as well as for making a complaint. Here is an up-to-date user-independent type of evaluation - *a correct measurement* - essential.

EasyCo 566 enables a high level of precise measurements with additional possibility of visual reproduction of a colour on a screen, with excellent authenticity. **EasyCo 566** represents a new generation of colour measuring instrument in the family of colorimeters. It offers a dramatically improved achievement potential, with an excellent price-performance ratio - even only a split of the price for a spectrophotometer - with a measuring precision already during its development process quite near to results of several spectrophotometers parallel used for comparison. The comfortable and lightweight EasyCo 566 has a robust, splash-proof (acc. to IP 24) plastic housing, in the proven handy shape size like a computer mouse. The data transfer to the concerned computer chosen by the user is carried out directly & simple via Bluetooth. Additionally, there is no previous knowledge around the colour measurement matter necessary!

EasyCo 566 offers the user a variety of applications: For the automotive industry or the lacquer and paint manufacturers - and processors, as well as for nearly any other field where compliance with an exact colour specification is important. **EasyCo** knows no boundaries first and enables the user to hit the target in an exact manner.

Application

The field of application of **EasyCo 566** lasts from measuring of the colour difference between reference and sample to the measurement of absolute colour value with evaluation and further processing. The appropriate software is already included.

The supplied measuring help ensures an optimum distance between the **EasyCo 566** and the specimen surface. The **EasyCo 566** fits exactly into the designated position on the measuring help. Actuation of button B starts the measuring process and achieves a reference value - actuation of button A gives a comparative value.

As the measurement is released automatically at an optimal distance to the surface to be measured, it can also be done "free hand", without measuring help, i.e. without touching the measured surface.

This requires to hold the **EasyCo 566** in a low height parallel to the specimen surface. Then, the instrument has to be moved slowly towards the specimen surface. The measurement will be released automatically at the optimum distance.

After the quick and accurate measurement the data are transmitted via Bluetooth to the computer. By using the supplied software **EasyCo 566** the data can also be realistically visually depicted on the screen and comfortably processed directly.

Following features characterize the EasyCo 566:

- Colour measurement at a high level of accuracy.
- Expression/presentation of the measuring colours as a numerical and visual value.
- Expression/presentation of the measuring values in different definitions, such as CieLab.
- High authenticity of visual representation largely corresponds to the perception by the human eye.
- Due to the additional possibility of structure related accommodation of displayed colour, a realistically reproduction of the measured colour on the monitor.
- Contact-free colour measurement.
- Due to the new chip, a more efficient and rapid colour measurement.
- Quick & easy data transfer via Bluetooth interface.
- Portable colour measuring instrument, almost anywhere.
- Small, lightweight and easy to handle as a computer mouse.
- Splash-proof acc. to IP 24.
- Long retention / "running time" capacity of the built-in rechargeable LiPo battery, due to low power consumption.
- Long life of the rechargeable LiPo battery.
- Long life LEDs / white light LEDs.

Technical Data

Dimensions (L x W x H)	approx. 125 x 70 x 50 mm
Net weight	approx. 120 g
Mains supply	power pack type FW7600/05
Input	AC 100-240 V/90mA/50-60 Hz
Output	DC 5 V/650 A (SELV), rechargeable LiPo battery
Ambient temperature	max. +40 °C
System requirements	Windows XP SP3, Windows Vista, Windows 7, CD-ROM drive Bluetooth (is supplied)
PC/Laptop	

Order Information	
Ord.-No.	Product-Description
0566.01.51	Colour Measurement Device EasyCo 566
<i>Scope of supply:</i> <ul style="list-style-type: none"> • Power pack • EasyCo-Software • Measuring help • Bluetooth adapter for Windows Vista, Win7 • Mini-Bluetooth USB for Windows XP, Vista and Win7 • Transport bag • Certificate • Operating Manual 	

The right of technical modifications is reserved.
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