

# Gretag Macbeth Spektralfotometer Eye- One - neue Pakete

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## Eye-One display 2

Eye-One display 2 was conceived especially to the calibration and profile production for CRT-and LCD monitor. The single colours with the new compact Colorimeter on the screen can be exactly measured out and the monitor for the breitestmögliche chromatic circle be calibrated. The adaptation of the white point of the monitor to the paper-white of the pressure issue is as possible, as the production of an ICC profile for the screen issue.

Anew: Surroundings light measurement as well as integrated recognition of the monitor type

## Eye-One design

Eye-One design is suited especially for beginner. It is the ideal solution for everybody which need digital pictures for a consistent and reliable colour representation on monitors and digital issue devices. This colour management solution guarantees a universal colour reproduction on the display, with the Proofing and in the final issue. With the provided colour measuring instrument Eye-One Per the colours of all springs can be measured. The new surroundings Candlemas head grasps different natural lighting conditions. Eye-One design supports the calibration and profile production from CRT-and LCD monitors as well as RGB-and CMYK printers in the easy mode.

## Eye-One photo / Proof

Eye-One photo or Eye-One Proof provides in all workflows of the pressure production for reliable and predictable colours - from the digital input about the monitor up to CMYK-or RGB printer. With the colour measuring instrument the colours of any springs can be measured. The new surroundings Candlemas head grasps different natural lighting conditions to measure the colour temperature and to simulate the effect of different lighting conditions. Eye-One photo / Proof supports the calibration and profile production from CRT-and LCD monitors, CMYK and RGB printers as well as digital cameras / scanners and digital projectors. With the Eye-One Proof the Advanced mode is available for CMYK printer.

## Eye-One XT Bundle

Eye-One XT Bundle is the complete solution with enlarged service and enlarged guarantee. With the colour measuring instrument the colours of any springs can be measured. The new surroundings Candlemas head grasps different natural lighting conditions to measure the colour temperature and to simulate the effect of different lighting conditions. It supports the calibration and profile production from CRT-and LCD monitors, digital cameras / scanners and digital projectors. For the issue shaping are available for CMYK and RGB printers the Advanced mode.

## Eye-One iO - Anew

EyeOne iO is a measuring table to the automatic Ausmessung of test charts. The printed charts are sucked on a statically loaded measuring table, and then are measured scanning. By the Scannmessung this has iO a very high speed.

- Substrates up to 10 mm of strength can be automatically measured
- Very quick Chartmessung, e.g., iT8.7 / 3 on German Institute for Standardization A4 at approx. 3 minutes (with Eye-One per Rev. B)
- Postarmament for existing Eye One devices any time possibly

## Software Eye-One Match 3.4

The user-friendly software contains illustrated instructions with which can be provided in few easy steps of profiles for all devices and processes. It supports the devices Eye-One display and Eye-One Per.

The basic mode with the predefined settings and automated expiries is suited for beginner and for users who would like to develop no own settings. In the enlarged mode experienced users can achieve optimum results by own settings. A progress announcement brags where you just are in the process.

The software Eye-One Match 3.4 is Mac-and Compatible with PC - OS X, Windows ® 98, 2000, ME, XP.

Anew:

- Fully automatic setting of brightness, contrast and white point for all monitor with DDC/CI connection
- User-defined brightness setting for a better comparison between different monitors
- Profile-Reminder controls the age of the profile and reminds the user of a new shaping
- Surroundings light control to the definition of the optimum surroundings light terms on critical colour corrections by the monitor
- Profiles editor for the colour corrections in profiles

Measuring technology Eye-One display 2:

Dynamism extent black point: 0.05 cd / cm<sup>2</sup>

White point: up to 1,000 cd / cm<sup>2</sup>

Repeatability x, y: +/-0,002 typically

Colour temperature area: typically in 4000 K - 12000 K

Exactness: typically +/-250 K

Measuring time 1 see

Interface USB

Electricity supply USB 1.1-Low power

Accessories Ambient light head for surroundings light measurement

Mechanical data Eye-One ® display 2:

Dimensions length 84 mm, width 64 mm, height 35 mm

Weight 52 g

Measuring technology Eye-On ® Per:

Measuring geometry 45 °/0 ° ring optics, German Institute for Standardization 5033

Spectral analysis system with holografischem declension grid

Spectral range 380 nm to 730 nm

Physical resolution 10 nm (inside 3.3 nm)

Measuring opening 4.5 mm

Issue spectra Spektralradiometrische measurement Luminanz

Measuring area (issue) 0... 300 cd / m<sup>2</sup>

Wiederholgenauigkeit (issue) x, y: +/-0.002 typically

Source of light gas-filled wolfram lamp, light kind A

Physical filters none

Measuring instrument correspondence Typically 0.4 DE\*94 on 12 BCRA standards

Wiederholgenauigkeit 0.1 DE\*94 with 10 measurements on white

Measuring time - picture point 0.25 see

Measuring time - scan mode 6 areas per see

Measuring time - issue 1 see

Measuring frequency max. 100 spectral measurements per see

Electricity supply USB 1.1-high power

Mechanical data Eye-On Per:

Dimensions length 151 cm, width 66 mm, height 67 cm

Weight 185 g

Accessories: Standard record, USB cable, flat panel display holder,  
Positionierhilfe, scan ruler, Scan base and carrier bag



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