

# BA310 DIGITAL

Koehler illumination & 3.0 MP camera

The **BA310 Digital** is a professional solution for life science and medical applications demanding high optical quality. With a digital camera of 3.0 Mpixels integrated in the head, the **BA310 digital**, is a powerful digital imaging solution.

The high resolution chip and the full Koehler configuration, provides superb and high contrast images. With the **BA310 Digital**, **Motic** also supplies the **Motic Images Plus 2.0 Multi Language software**, allowing you to analyse your samples more in depth.

- Binocular head Siedentopf type, 30° inclined with built-in digital camera CMOS 1/2" chip
- 3MP - 2048x1536 pixels with USB2.0 output
- Widefield high eyepoint eyepieces N-WF10X/20mm with diopter adjustment on both eyepieces
- Reversed quintuple revolving nosepiece
- CCIS® EF-N Plan Achromatic objectives EF-N PL 4X, 10X, 40X S, 100X S-oil
- Coaxial coarse and fine focusing system with tension adjustment
- Built in low position coaxial mechanical stage (Right-hand control)
- Focusable and centrable Abbe condenser N.A. 0.90 with iris diaphragm and slot
- Koehler illumination quartz halogen 6V/30W with intensity control
- Motic Images Plus 2.0 for PC and MAC
- Calibration slide



# Multi-Output

The **DMW-143-FBGG** has digital and analogue connections, allowing you to **connect your digital microscope simultaneously to:**



## Computer

Through the **USB 2.0** cable you can connect the **DMW-143-FBGG** directly to your computer. By using the **Motic Images Plus 2.0 Software**, you can capture images, perform measurements and create videos, with just a few mouse clicks!

**The Motic Images Plus 2.0** is an analysing software, which allows you to get the maximum information from the image and use all kinds of image enhancement tools to prepare your picture for reports and presentations.



## Projector/Beamer

Connect the **DMW-143-FBGG** directly to your projector/beamer with the **RCA or S-video cable**, in order to share your images with a larger audience. Even when the images are enlarged by the projector, the **DMW-143-FBGG** will ensure that crisp, clear images are being displayed.



## TV Monitor

Use the **S-Video or RCA output** of the **DMW-143-FBGG** to connect it directly to the TV monitor. With a resolution of **550 TV lines**, even the finest details will be displayed.



# Motic Images Plus 2.0

## Sophisticated Image Analysis Software

The multi language image analysis software, **Motic Images Plus 2.0**, is your entry ticket to the digital world of microscopy.

Many years ago this software was introduced as a “basic” software for capturing images and for storing them in a digital format. Nowadays the **Motic Images Plus 2.0** is far from “basic”. With the help of many **Motic Digital Microscope** users around the world it has become **highly sophisticated image analysis software** with the following main functions:

**Capture**

**Auto Capture**

**Video recording**

**Measurements**

**Automated counting**

**Creating reports**

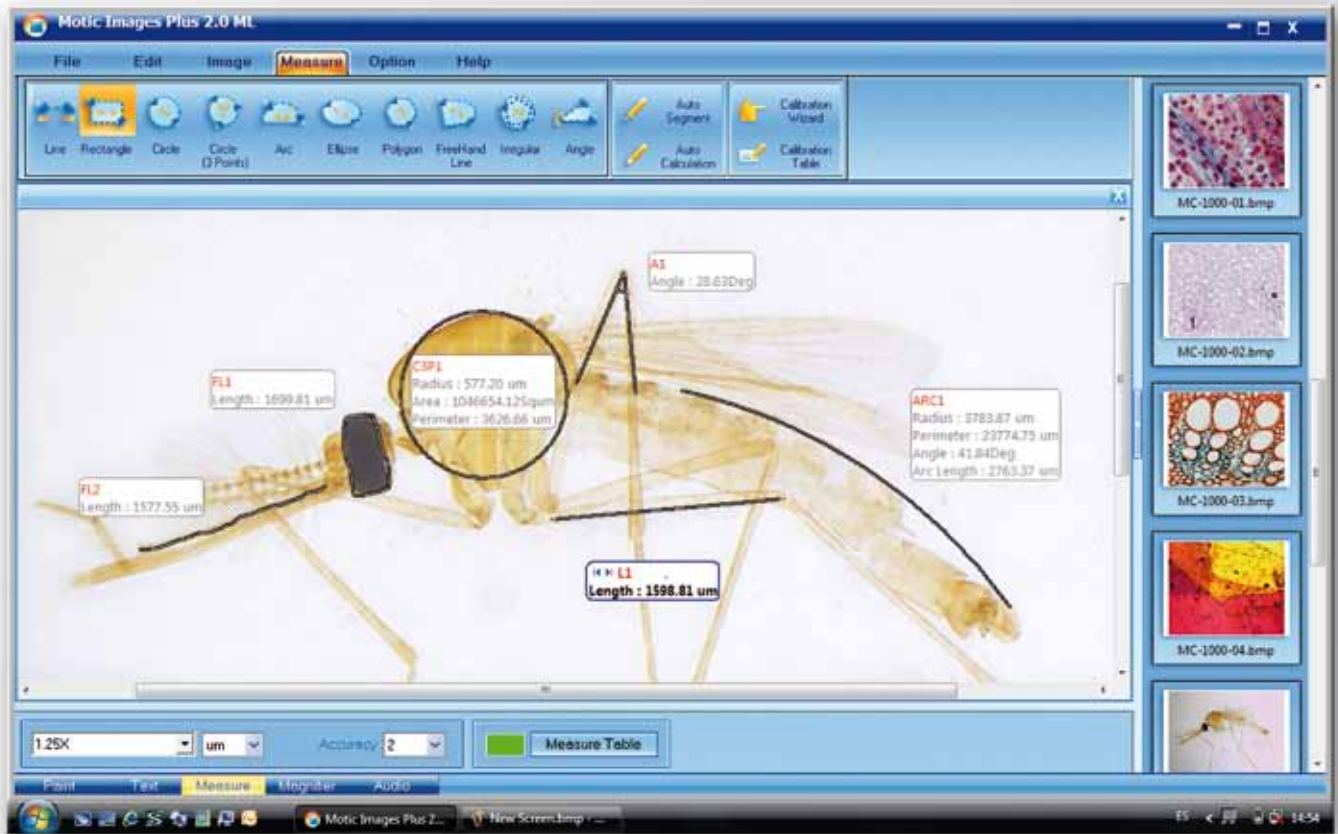
**Image comparison**

**Amalgamation**

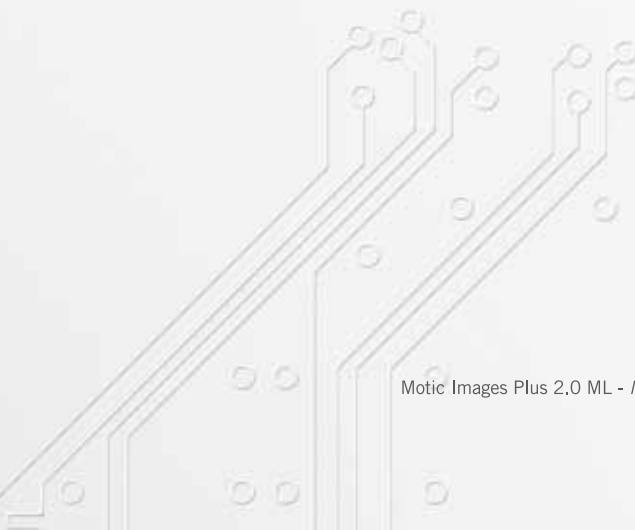
At the present time we are still in close contact with many users of our software. Approximately each 6 months a new up-date of the **Motic Images Plus 2.0**, can be downloaded on our website. Once you have purchased a digital microscope you can get **unlimited FREE up-dates**.

Besides the software itself, we also put a lot of effort into making the digital microscopes compatible with different types of Operating systems, and of course the new releases of each Operating System. At present our digital microscopes are able to work with Windows (XP, Vista and 7), MAC and LINUX.

In case you would like to use a different Image analysis program with the digital microscope cameras, you can run most cameras by using the TWAIN driver or the DirectShow device.



Motic Images Plus 2.0 ML - Measures



Motic Images Plus 2.0 ML - MI Device

