

DM143 FBGG •

Zoom objective & 3.0 MP camera

The zoom objective of the **DM-143-FBGG** ensures high optical quality when observing a sample at 10X magnification, then zooming continuously to close-up details at 40X ... or any point in between.

The **DM-143-FBGG** has a large working area stand which allows you to comfortably rest your arms on each side of the stand while manipulating the specimen. The 3.0 Mpixel camera with USB 2.0 output allows you to capture high resolution pictures with full details of your sample and analyze them further in the sophisticated **Motic Images Plus 2.0 software**, which is included in the package.

- Greenough zoom optical system
- Binocular head, 45° inclined with built-in digital camera CMOS 1/2" chip
- 2048x1536 pixels with USB2.0 output
- Widefield eyepiece WF10X/20mm
- 4:1 Zoom ratio, WD=80mm
- Magnification range: 1X-4X
- FBGG: Pole type stand with large working base
- Coarse focusing system with tension adjustment
- 12V/10W incident and transmitted halogen illumination with intensity control
- Motic Images Plus 2.0 for PC and MAC
- Calibration slide
- Black, white and frosted glass stage plates



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

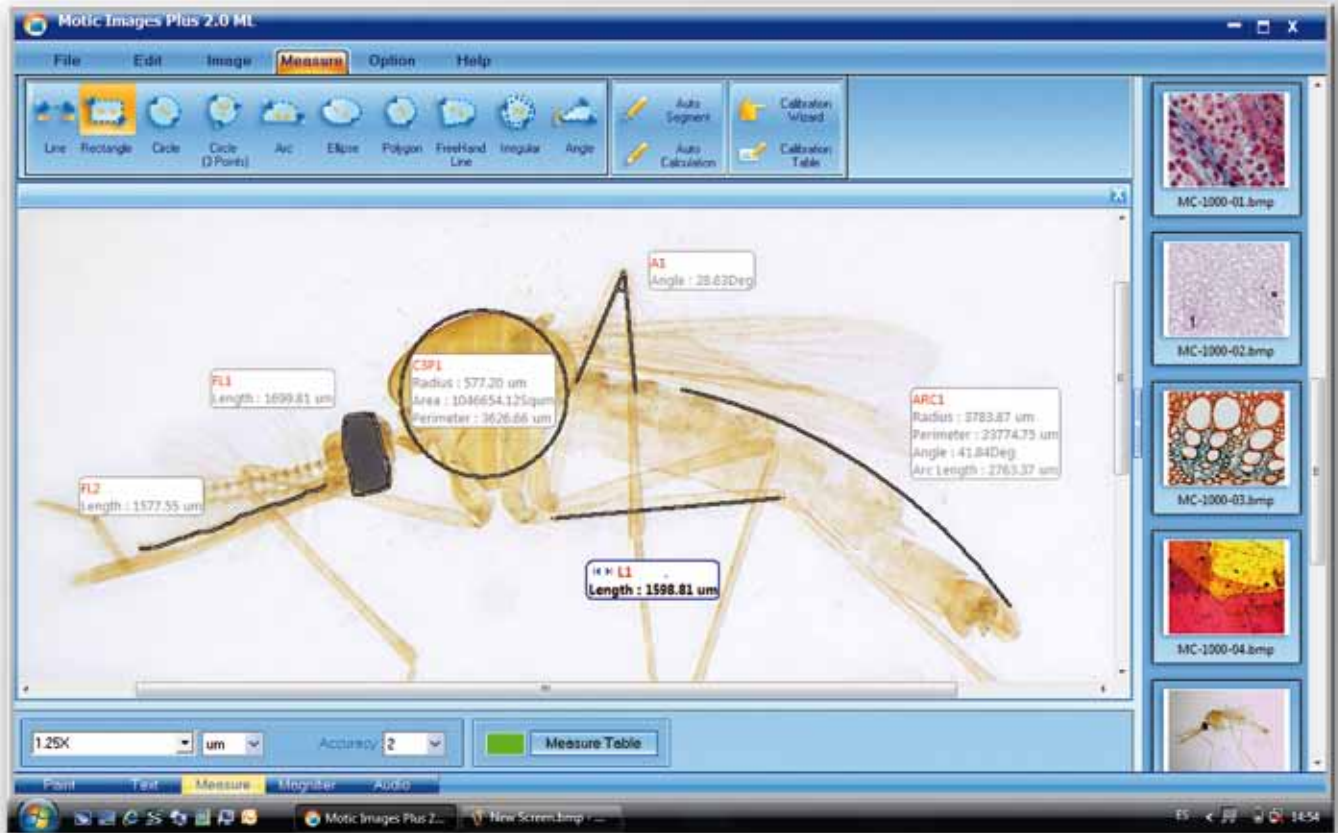
Image comparison

Amalgamation

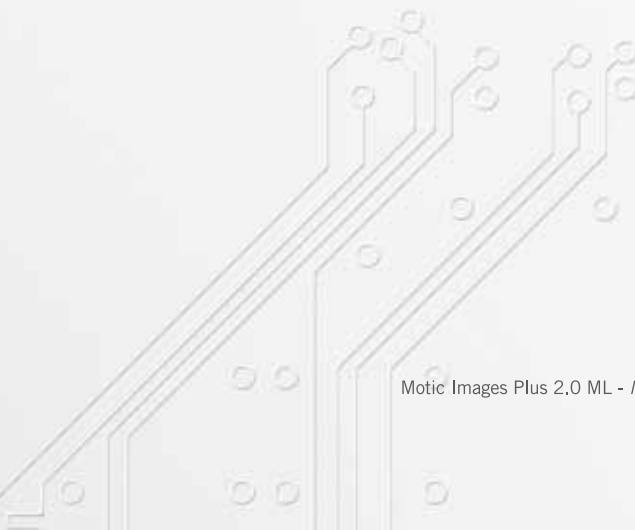
At the present time we are still in close contact with many users of our software. Approximately each 6 months a new up-date of the **Motic Images Plus 2.0**, can be downloaded on our website. Once you have purchased a digital microscope you can get **unlimited FREE up-dates**.

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

