

Motic® Microscopes

DM1802-A Digital Biological Upright Microscope

product datasheet



Digital upright biological microscope with built-in 1.3 mega pixel camera & comprehensive software

The perfect microscope for slide microscopy

- Monocular head 30° inclined
- Widefield eyepiece WF10X / 18mm
- Quadruple nosepiece
- Achromatic Objectives EA 4X, 10X, 40X S (Max. mag 400x)
- Separate coarse and fine focusing adjustment
- Built in low position coaxial mechanical stage
- Focusable 1.25 N.A. Abbe condenser
- Iris diaphragm with filter holder
- Halogen illumination 12V / 20W with intensity control
- Switching power supply 100-240V (CE)
- USB 2.0 PC connection
- USB 2.0 PCI card included
- **Motic Images Plus 2.0** multi-language version software
- No Macintosh support

Motic Images Plus 2.0

Every Moticam camera & most Motic digital microscopes are supplied complete with fully featured, professional digital imaging software. This software lets you truly explore the power of your microscope by enabling you to correctly analyze and quantify your image. The generous features include -but are not limited to- the following:

Capture

Capture real time still, moving or time-lapse images with the simple click of your mouse.

Measure & Export

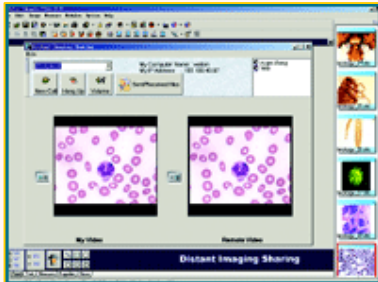
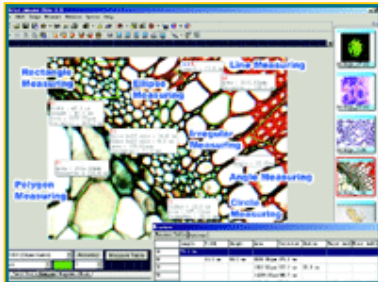
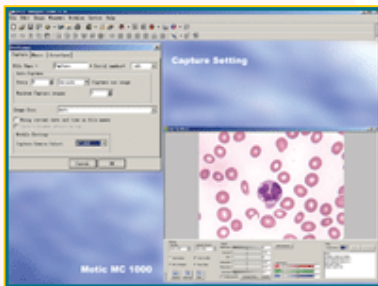
Once you have calibrated the system using our supplied calibration slide, you can make accurate measurements of your sample. All your measurements can be exported to other worksheets such as Excel by clicking only one button.

Share through Internet

The built in Distance Image Sharing (DIS) module allows you to connect to another digital microscope through the internet. Based on teleconferencing principles, you can broadcast your microscope's live streaming video over the internet while viewing the other party's stream.

Combine & Group

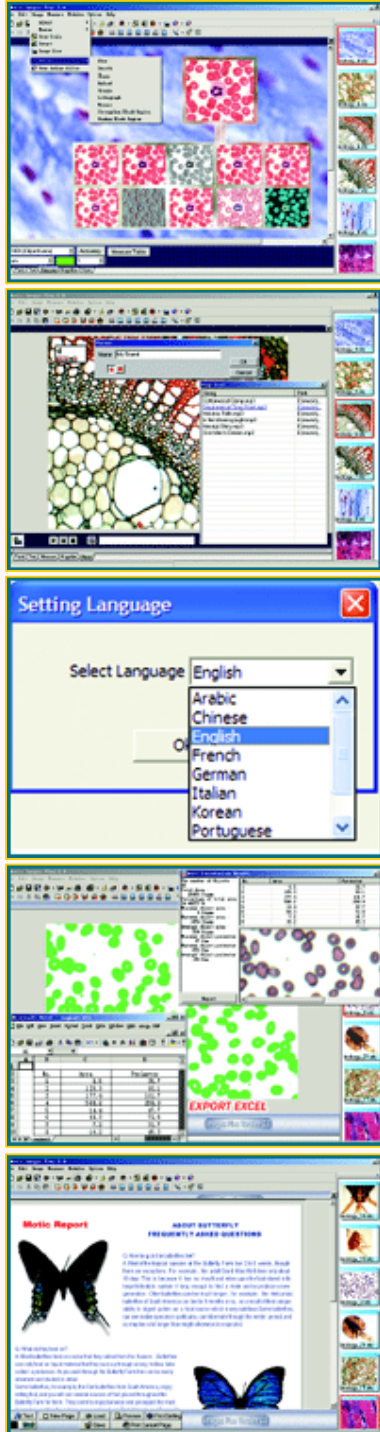
Motic's Amalgamation feature allows you to combine different images into one single picture. Several heuristics are available giving the user complete control. This feature is especially useful when combining images taken at different focal depths



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DM1802-A Digital Biological Upright Microscope - Software



Motic Images Plus 2.0 continued

Enhance

Process the image with a variety of filters, or adjust brightness contrast and colour. You can also add narration, sounds or music to each image.

Record sound directly

Using this tool, each image can be enhanced with sound on a particular spot on the image. This is great for creating learning slides or completing group projects.

Multi Language Support

Don't speak English? How about German or Arabic? This software allows the user to select between different languages. Available in 2004 are: English, German, French, Spanish, Portuguese, Italian, Korean, Arabic, Chinese.

Count & Export

This feature automatically counts the objects selected in a particular area of view. All details of the dimensions can be exported to an Excel spreadsheet through the simple click of the mouse.

Create Reports

Create detailed reports on your findings in the same application program. Simply drag and drop images from your microscope into your document. This is an easy way to create examination papers, findings and reports.

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