

## MOTIC DIGITAL MICROSCOPE SOLUTIONS

145-DIGITAL-KITS



### PRODUCT DESCRIPTION

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## Add a camera tablet bracket to your Motic Microscope to upgrade to digital microscopy, using your own tablet.

The complete kit enables computer-free digital microscopy so you can start viewing, capturing, editing and sharing your work. Simply purchase the add on camera and mount to use with your existing tablet. The camera can be connected via Wi-Fi to an iOS or Android tablet, or through USB to a Windows-based tablet. Allowing you to instantly share and discuss your findings with others.

A quick and easy set up straight out of the box with auto white balance and exposure means it really is as easy as the click of a button to get started.

#### Motic BTI camera & tablet bracket

Consisting of a 4MP camera, with a built-in adjustable bracket that allows you to mount your own tablet (up to 10"). The camera can be connected via Wi-Fi to an iOS or Android tablet, or through USB to a Windows-based tablet.

Moticam BTW will help you visualise, edit and share your images efficiently, with computer-free microscopy.

[Click here to download your Motic Software](#)

#### Specifications

- Model: Moticam BTI
- Sensor Type: CMOS
- Sensor Size: 1/3"
- Imaging Area: 5.44 x 3.07mm
- Capture Resolution Info: 4MP (2560x1440 pixels)

- Live display mode through USB: Depending on tablet display resolution
- Live display mode through Wi-Fi: 1280x720, 1920x1080 (Full HD)
- Pixel size: 2.0x2.0
- Scan mode: progressive
- Data transfer: USB 2.0, Wi-Fi
- Exposure time: 0.03 msec to 0.03 sec
- Operating temperature: From -10 to +60 Degrees celsius non condensing
- Max. signal to noise ratio: 38.1dB
- Dynamic range: 64.6dB
- Sensitivity: 1.0V/Lux-sec (550nm)
- Buttons: USB/Wi-Fi selector
- Support device

## MotiConnect App & Software

[Click here to download your Moti Software](#)

The MotiConnect Image Plus software package really unlocks the potential of digital microscopy and enables a sharing platform like no other.

All necessary tools are included and easy to use. The image controls give you the capability to adjust the live image, allowing you to change the white balance and colour. Use the advanced adjustment options to help really fine-tune any sections that need focusing on. The increment can be set using the scale options and a useful measure tool enables you to take quick and accurate measurements.

Thanks to this software, turning your microscope into a multimedia device has never been easier. Add comments and measurements to your captured image and add filters or colour correct to enhance your magnified image. To keep a more informative record you can even capture a HD video of your microscopy image, zooming in on areas whilst taking verbal notes for future referencing. Once captured, easily transfer your readymade reports, images and videos over to your computer or other device by using Bluetooth or USB.

Designed for impeccably clear results whilst still being easy to use, this complete digital setup really raises the bar for digital microscopy standards.

## Motic BA210 Trinocular Microscope with 4 x 10 x 40 x 100X(Oil) Achromatic Super (145-340)

The BA210 microscope brings microscopy to a whole new level with its improvements both in optical and mechanical features. With a new generation of EF-N Plan Achromatic objectives, it provides a new and improved fully corrected intermediate image for crisp and clear results. Light consuming contrast methods such as phase contrast, polarization or darkfield are easily performed with the new powerful LED light source. Putting the BA210 amongst the very best whilst still being reasonably priced.

## 'C' Mount for 1/3in Chip Sensor 0.2A 0.6x Camera Adaptor for Motic Trinocular

Secured C Mount adapter for mounting tablet and camera onto a Trinocular microscope.

## Microscope Specifications:

- Optical System: Finite Optical System 160mm
- Observation Tube: Trinocular, Sliding Type

- Interpupillary Distance: 55-75mm
- Trinocular Light Split: 100:0 / 20:80
- Inclination: 30 inclined, 360 rotating
- Eyepiece(s): WF 10X / 20mm
- Objective Classification: CCIS EF-N Plan Achromatic
- Objective Information: 4X/0.10, 10X/0.25, 40X/0.6
- Focus Mechanism: Coarse and fine focusing system with tension adjustment
- Fine Focus Precision: 2um minimum increment
- Illumination: 6V/30W Halogen illumination with intensity control
- Power Supply: 220-240 (CE)
- Accessories included: Blue, yellow and green filters, dust cover and immersion oil
- Dimensions of microscope with tablet - 481 x 363 x 390.5mm

### **Motic B1-223 ASC Trinocular Microscope with 4 x 10 x 40 x 100 x (Oil) Achromatic Super (145-175)**

The B1-223 ASC microscope provides users with a sturdy and solid base for professional microscopy and offers optical clarity and reliability. With ASC Achromatic Super Contrast objective lenses, it delivers an extra contrast level compared to the standard achromatic versions. This, combined with the precisions coaxial coarse and fine focusing adjustment puts the B1223ASC amongst the very best whilst still being reasonably priced.

**Key Features:** Trinocular head, inclined 45o and 360o rotating / Widefield eyepieces WF10X / 20mm / Quadruple nosepiece / Achromatic Super Contrast objectives 4x, 10x, 40x, 100x (oil / Coaxial coarse / Fine focusing adjustment / Built-in low position coaxial mechanical stage / Focusable 1.25 N.A Abbe condenser / iris diaphragm with filter holder.

### **'C' Mount for 1/3in Chip Sensor 0.2A 0.6x Camera Adaptor for Motic Trinocular**

Secured C Mount Adapter for mounting tablet and camera onto a Trinocular Microscope.

### **Microscope Specifications:**

- Optical System: Finite Optical System 160mm
- Observation Tube: Trinocular, Sliding Type
- Interpupillary Distance: 55-75mm
- Trinocular Light Split: 100:0 / 20:80
- Inclination: 30 inclined, 360 rotating
- Eyepiece(s): WF 10X / 18mm
- Objective Classification: Semi-Plan Achromatic
- Focus Mechanism: Coarse and fine focusing system with tension adjustment
- Fine Focus Precision: 2um minimum increment
- Illumination: 3W LED illumination with intensity control
- Power Supply: 110-240V (CE)
- Accessories included: Blue, yellow and green filters, dust cover and immersion oil

### **Camera Technical Specifications**

- Sensor Type: CMOS
- Sensor Size: 1/2,5"
- Live Resolution: 1280 x 720 pixels (16:9), 1280 x 960 & 800 x 600 (4:3)
- Image Capture Resolution: 5.0MP

- Video Capture Resolution: 720 HD
- Output: USB
- Pixel Size: 2.2¼m x 2.2¼m
- Lens Mount: C-Mount
- Tablet Bracket Holder: For tablets from 7" to 10"

### Tablet Technical Specifications

- Size: 236 x 173 x 9.5mm
- System: Android 4.4
- Language: Multi
- CPU: 1.63GHz Quad core (RK3188 1.6GHz)
- RAM: 1GB DDR3
- NAND FLASH: 16GB
- Display: 10" (IPS) 16:10 Ratio
- WIFI: 802.11b/g/n

### ADDITIONAL INFORMATION

<b>Animal</b>	N/A
<b>SKU</b>	145-Digital-kits
<b>Generic Size</b>	Medium
<b>Brand</b>	Motic
<b>Lens System</b>	Trinocular
<b>Microscope Complete Kit</b>	No

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