

Motic® Compound Microscopes with Digital Camera

Get high-image quality and flatness of field



Powerful software tools make image analysis easy: view live images on your PC; accurately measure and quantify your specimen and export results in an Excel® format for analysis; count and evaluate cell quantity with the Auto Segmentation and Calculation tool; combine two images to bring out differences; add text, symbols, and even sound recordings to your image.

Specifications

Objectives: achromatic **Output:** USB **Data transfer:** 480 MB/sec
Imaging sensor: 3 megapixel **Cable:** USB **Operating requirements:** Windows®: XP or Vista, 1GHz, 256 MB RAM, USB 2.0 Mac: OSX, 1GHz, 256 MB RAM, USB 2.0

| Catalog number | Total magnification | Head | Head | Stage dimensions (W x D) | Illumination | Power | Price |
|-----------------------------|----------------------------------|-----------|---------------------|--------------------------|--|--------------------------|-------|
| GH-48400-63 | 40x, 100x, 400x, 1000x (ef-plan) | Binocular | Widefield 10x/20 mm | 140 x 135 mm | 30 W halogen with intensity control | 100 to 240 VAC, 50/60 Hz | |
| GH-48400-63 | 40x, 100x, 400x, 1000x (ef-plan) | | | 160 x 140 mm | 30 W halogen with intensity control and Koehler illumination | 100 to 240 VAC, 50/60 Hz | |

Motic® Moticom Digital Microscope Cameras with Software

Fast plug-and-play cameras relay images directly to your monitor

– Supplied software measures specimens and logs each image with automatic reference number, date, and time

Moticam 1 and 1SP feature great color balancing at an affordable price. Ideal for schools and small laboratories.

Moticam 2 and 3 offer great resolution for live imaging.

Moticam 5 and 10 feature the highest resolution of 10 megapixels, giving you the ability to convert images into 300 dpi files—ideal for documentation purposes!

Moticam 580 connects to your computer for image capture; if no computer is available, simply capture images on an SD card for later download. Multiple output options include USB, SD card, analog video, and HDMI for direct hookup to high-definition monitors.

Moticam X (Wi-Fi) sends streaming images to up to six Wi-Fi enabled devices such as tablets, smart phones, or computers. Download the free app to use iOS or Android; load the included software for use with OSX or Windows®-based computers.

What's included: focusable lens, calibration slide, two variable-diameter eyepiece adapters, macro tube, software, and mini USB cable. Moticam 580 (model 03906-17) also includes video cable, HDMI cable, C-ring adapter, and power supply.



ISO9001:2008
CERTIFIED SUPPLIER

Specifications

Power: 5 VDC via USB

Operating system requirements:
Windows® XP and higher, Mac OSX

| Description | Imaging sensor | Lens | Megapixels | Output | Catalog number | Price |
|-------------|----------------|-------|------------|----------------------------------|-----------------------------|-------|
| Moticam 1 | ¼" CMOS | 8 mm | 0.480 | USB | GH-03906-11 | |
| Moticam 1SP | ½" CMOS | 12 mm | 1.3 | | GH-03906-12 | |
| Moticam 2 | ⅜" CMOS | 12 mm | 2.0 | | GH-03906-13 | |
| Moticam 3 | ½" CMOS | 16 mm | 3.0 | | GH-03906-14 | |
| Moticam 5 | ½.5" CMOS | 12 mm | 5.0 | | GH-03906-15 | |
| Moticam 10 | ½.5" CMOS | 12 mm | 10.0 | | GH-03906-16 | |
| Moticam 580 | ½.5" CMOS | 12 mm | 5.0 | USB, HDMI, SD card, analog video | GH-03906-17 | |
| Moticam X | ⅜" CMOS | 12 mm | 2.0 | WiFi | GH-03906-18 | |

Cole-Parmer® Slides

Won't stick or scratch

- Easy to write on
- Measure 75 x 25 mm and 1-mm thick



| Type | One gross (144 slides) | | One case (10 gross) | |
|-----------------|-----------------------------|-------|-----------------------------|----------|
| | Cat. no. | Price | Cat. no. | Price/cs |
| Plain | GH-48500-00 | | GH-48500-20 | |
| Frosted | GH-48501-00 | | GH-48501-20 | |
| Pink Colorfrost | GH-48503-02 | | GH-48503-22 | |

Clipped-Corner Slides

Easily keep sample from edge

- Easy to write on
- Slides are 75 x 25 mm and 1-mm thick



| Description | Catalog number | Price/gross |
|-------------|-----------------------------|-------------|
| Plain | GH-48520-01 | |
| Frosted | GH-48520-03 | |
| Superfrost | GH-48520-05 | |

Cole-Parmer® Cover Glass

Protect samples



- Choose from two thicknesses: no. 1 (0.13 to 0.17 mm) or no. 1.5 (0.16 to 0.19 mm)

| Size | Thick-ness | Approx pieces /bx | Catalog number | Price /bx |
|--------------------------|------------|-------------------|-----------------------------|-----------|
| Square (22 x 22 mm) | No. 1 | 156 | GH-48510-00 | |
| | No. 1.5 | 138 | GH-48510-10 | |
| Rectangular (22 x 40 mm) | No. 1 | 87 | GH-48511-00 | |
| | No. 1.5 | 76 | GH-48511-10 | |
| Rectangular (24 x 60 mm) | No. 1 | 54 | GH-48511-30 | |