

# Professional Microscopy Solutions



**Motic**<sup>®</sup>

MORE THAN MICROSCOPY

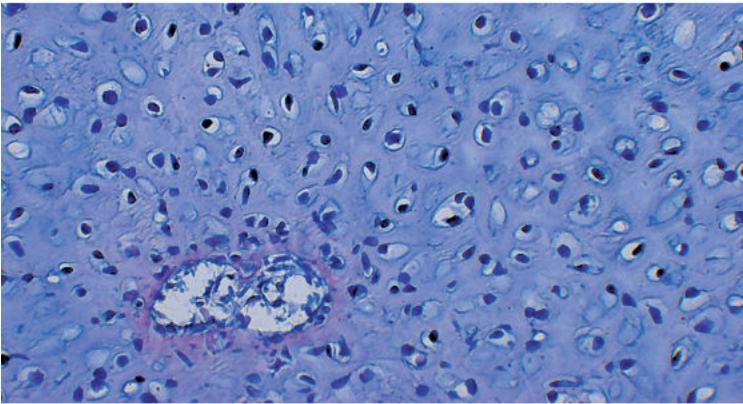
# Professional MICROSCOPY

S O L U T I O N S

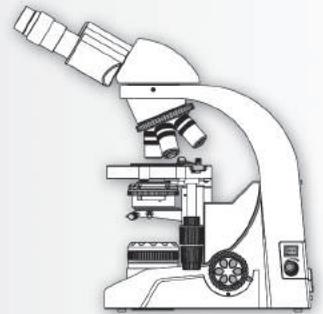
Motic's Professional Microscopy Solutions offer a complete line of high quality upright microscopes (BA- Series), inverted microscopes (AE-Series), stereo zoom microscopes (SMZ- Series) and digital cameras (Moticam).

High quality, distortion free optics and a robust design combined with an array of upgrade options and accessories allow Motic's microscopes to adapt to almost any application or budget. Whether you are a teacher at a University, a Lab Technician, a Researcher, working in the Industrial sector or a devoted microscopist, Motic has a solution to meet your needs.

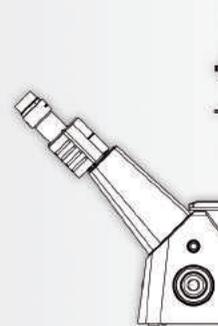
Motic's goal is to provide the latest technologies, excellent quality and the best possible service wherever you need it.



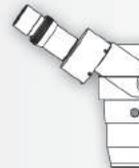
BA  
SERIES



AE  
SERIES



SMZ  
SERIES



MOTICAM  
SERIES



# BA 210

BA210 Binocular  
BA210 Trinocular  
BA210 Digital

VWR Cat. No. 470314-888  
VWR Cat. No. 470314-890  
VWR Cat. No. 470314-892

## Routine University and Laboratory microscope

- Binocular or Trinocular [20/80] head Siedentopf type, 30° inclined, 360° rotating
- Widefield eyepieces N-WF10X/20mm with diopter adjustment on both eyepieces
- Reversed quadruple revolving nosepiece
- CCIS® EF-N Plan Achromatic objectives 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)
- Size 140 X 135mm, 76 X 50 cross movement
- Focusable Abbe condenser N.A. 1.25 with iris diaphragm and slot
- Quartz halogen 6V/30W or 3W LED illumination with intensity control

**Available accessories** (Please contact your VWR or Motic Representative for Available accessories)

- Phase contrast and darkfield sliders (10X & 40X)
- Polarizing and Analyzing filter



# BA 310E

BA310 Binocular  
BA310 Trinocular  
BA310 Digital  
BA310 Elite Bino/Trino

VWR Cat. No. 470314-922  
VWR Cat. No. 89130-140  
VWR Cat. No. 76163-500  
VWR Cat. No. 10767-578/580

## High performance microscope for Laboratories, Clinics and Hospitals

- Binocular or Trinocular [20/80] head Siedentopf type, 30° inclined, 360° rotating
- Widefield eyepieces N-WF10X/20mm with diopter adjustment on both eyepieces
- Reversed quintuple revolving nosepiece
- CCIS® EF-N or EC (elite models) Plan Achromatic objectives 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)
- Size 180 X 170mm, 80 X 55 cross movement
- Focusable and centrable Abbe condenser N.A. 0.90/1.25 with iris diaphragm and slot
- Koehler illumination halogen 6V/30W or 3W LED with intensity control
- The BA310 is also available as a teaching/discussion system, side-by-side or face-to-face.

**Available accessories** (Please contact your VWR or Motic Representative for Available accessories)

- Phase contrast and darkfield sliders (10X & 40X)
- Phase contrast (10X, 20X, 40X and 100X) and darkfield turret (10X-40X) condenser
- Polarizing and Analyzing filter



# BA410E

BA410E Binocular VWR Cat. No. 470321-014  
BA410E Trinocular VWR Cat. No. 470321-016  
BA410 XBE-EPI-Fluorescence VWR Cat. No. 10025-414

## High quality multi-task microscope for research usage

- Widefield eyepieces N-WF10X/22mm with diopter adjustment on both eyepieces
- Reversed sextuple\* revolving nosepiece (\*Quintuple nosepiece available on request)
- CCIS® EC-H Plan Achromatic objectives 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)
- Achromat swing-out condenser N.A. 0.90 with iris diaphragm, focusable and centrabale
- Koehler illumination halogen 12V/50W with external lamp house and intensity control upgradeable to interchangeable 3W LED module
- The BA410 is also available as a teaching/discussion system up to 5-heads.
- Additionally the BA410 can be equipped with the Ergo (tilting) or Ergo plus (tilting and telescopic) head.

**Available accessories** (Please contact your VWR or Motic Representative for Available accessories)

- Phase contrast and darkfield sliders (10X & 40X)
- Phase contrast (10X, 20X, 40X and 100X) and darkfield turret (10X-40X) condenser
- Polarizing and Analyzing filter



# AE2000

AE2000 Binocular VWR Cat. No. 89168-388  
AE2000 Trinocular VWR Cat. No. 89168-390  
AE2000 Binocular with PL PH 20X VWR Cat. No. 89306-272  
AE2000 Trinocular with PL PH 20X VWR Cat. No. 89306-274

## Routine live cell applications

- Binocular / Binocular tilting 30°-60° / Trinocular [20/80] and 360° swiveling
- Widefield eyepieces N-WF10X/20mm with diopter adjustment on both eyepieces
- Side facing quadruple nosepiece
- CCIS® Plan Achromat Phase objectives PL Ph4X, PL Ph10X
- Optional CCIS® Plan Achromat Phase objective PL Ph20X.
- ELWD condenser N.A. 0.30
- Phase slider with Ph0, BF and Ph1, phase centering telescope
- Plain stage with metal & glass stage inserts
- Halogen illumination 6V/30W with intensity control upgradeable to 3W LED

**Available accessories** (Please contact your VWR or Motic Representative for Available accessories)

- CCIS® Plan Achromat objectives PL4X, PL10X, LWD PL20X, LWD PL40X
- CCIS® Plan Achromat Phase objectives PL Ph4X, LWD PL Ph40X
- LED module for LED illumination instead of Halogen
- Attachable mechanical stage
- 35, 54 and 65mm Petri dish holders



# AE31E

AE31 Elite Binocular  
AE31 Elite Trinocular

VWR Cat. No. 10767-574  
VWR Cat. No. 10767-576

## Research live cell applications

- Binocular / Trinocular [20/80]
- Widefield eyepieces WFPL10X/22mm with diopter adjustment on both eyepieces
- Side facing quintuple nosepiece
- CCIS<sup>®</sup> Plan Achromat objectives PL4X
- CCIS<sup>®</sup> Plan Achromat Phase objectives PL Ph10X, LWD PL Ph20X
- ELWD condenser N.A. 0.30
- Phase slider with Ph0, BF and Ph1, phase centering telescope
- Plain stage with metal & glass stage inserts
- Koehler Halogen illumination 6V/30W with intensity control or interchangeable 3W LED module

**Available accessories** (Please contact your VWR or Motic Representative for Available accessories)

- CCIS<sup>®</sup> Plan Achromat objectives PL10X, LWD PL20X, LWD PL60X
- Epi-Fluorescence attachment and fluorescence filter cubes
- Attachable mechanical stage
- 35, 54 and 65mm Petri dish holders



# SMZ-161

## Routine inspection and assembly applications

- Greenough zoom optical system
  - Binocular / Trinocular head, 45° inclined, 360° rotating
  - Widefield eyepieces WF10X/20mm
  - 6:1 Zoom ratio, WD=110mm
  - Magnification range: 0.75X-4.5X
  - Compact base stand with pole and head holder
  - Coarse focusing system with tension adjustment
  - Intensity controlled halogen illumination incident 12V/10W and transmitted 12V/20W
- All SMZ-161-R2GG/R2LED come with black, white and frosted glass stage plates.



SMZ-161 Bino/Trino Plain Stand  
SMZ-161 Bino/Trino R2GG Wide Stand  
SMZ-161 Bino/Trino R2LED Wide Stand

VWR Cat. No. 10768-128/184  
VWR Cat. No. 10768-130/186  
VWR Cat. No. 10768-132/188

# SMZ-171

Quality control and research applications

- Greenough zoom optical system
- Binocular / Trinocular head, 45° inclined, 360° rotating
- Widefield eyepieces WF10X/23mm
- 6.7:1 Zoom ratio, WD=110mm
- Magnification range: 0.75X-5X
- Large working area stand with head holder
- Coarse focusing system with tension adjustment
- 12V/10W incident and transmitted halogen or LED illumination with intensity control
- All SMZ-171LED come with black, white and frosted glass stage plates.

SMZ-171 Bino/Trino Plain Stand

VWR Cat. No. 470314-944/884

SMZ-171 Bino/Trino LED Light Stand

VWR Cat. No. 470314-882/886



## THE NEW Moticom

THE NEXT GENERATION

### MOTICAM SERIES OF CAMERAS

- CMOS Sensor
- Motic Images Plus 3.0 software for PC and Mac
- USB 2.0 and 3.0 output

Moticam 2  
Moticam 3+  
Moticam 5+  
Moticam 10+  
Moticam 1080

VWR Cat. No. 89238-598  
VWR Cat. No. 75784-746  
VWR Cat. No. 75784-748  
VWR Cat. No. 75784-570  
VWR Cat. No. 75784-576



Moticam 2

Moticam 3+

Moticam 5+

Moticam 10+



Moticam 1080  
| 1080P

# MOTICAM<sup>WiFi</sup>



WIRELESS MICROSCOPY

SOLUTIONS



## M01

Wireless CM

Share the micro  
Moticam X3 n  
high quality CM

Moticam X  
VP WiFi

. No. 8945

Moticam X:  
VP WiFi

. No. 4702



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cope with its Android-based WiFi tablets giving a new  
ion in interconnectivity to students, educators, or any other  
ope user. The WiFi enabled Moticam tablets allow you to stream  
ro-images to any other WiFi enabled device making it easy to  
y microscope experience with those connected to you.

**Moticam BTX8**  
WiFi Enabled Tablet

in BTX8 VWR Cat. No. 470314-938

**Moticam BTU10**  
10" WiFi Enabled Tablet

Moticam BTU10 VWR Cat. No. 470314-936



Canada | China | Germany | Spain | USA

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