

# DMBA300

CCIS Digital Routine Laboratory Microscope



USB2.0

Windows Vista

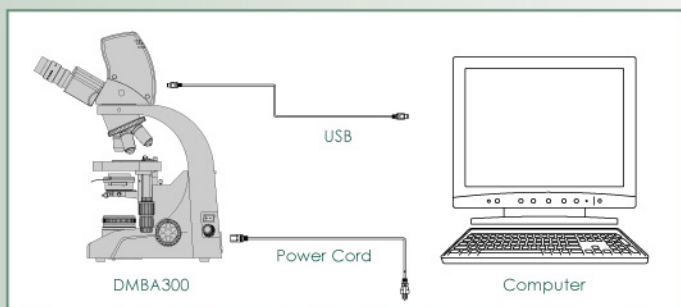
Mac OSX

3.0 Megapixel

# DMBA300

- With superior optical clarity and ergonomic design features, the DMBA300 is ideal for laboratory and routine research applications and a great platform for future expansion
- A clear 0.9NA condenser coupled with Motic's powerful 6V/30W quartz halogen Koehler illumination system provide the right amount of light and contrast for a wide range of applications
- Simply connect the microscope to your computer using a Plug & Play USB2.0 cable and view real-time images on your computer screen at a maximum resolution of 3 Megapixel live imaging
- The reversed quintuple nosepiece and the large hard-coated mechanical stage offers a flexible and versatile working space
- Motic Images Plus 2.0 application software is included for Windows XP, Vista as well as Macintosh OSX

## Simple Plug & Play connection



## Microscope Specifications

<b>Head</b>	Siedentopf Trinocular Head with 3rd tube as a built-in Digital Camera
<b>Eyepieces</b>	Widefield WF10X/20mm with diopter control on both eyepieces
<b>Nosepiece</b>	Reversed Quintuple Nosepiece with positive click stops and rubber grip
<b>Objectives</b>	Motic CCIS EF-Plan 4X, 10X, 40X (spring), 100X (spring, oil)
<b>Stage</b>	174mm x 145mm Mechanical Stage with Vernier Scale
<b>Focusing</b>	Tension Adjustable Coaxial Coarse and Fine with shuttle control on right side
<b>Condenser</b>	Rack & Pinion Devetail-mounted 0.9NA Condenser with filter holder
<b>Illumination</b>	6V/30W Quartz Halogen Koehler Illumination with stepless intensity control
<b>Microscope Power Supply</b>	110V-240V Variable Voltage

## Digital Specifications

<b>Imaging Device</b>	3.0 Megapixels live imaging chip
<b>Effective Pixels</b>	2048 x 1536
<b>Max. Still Image Resolution</b>	2048 x 1536
<b>Max. Data Transfer</b>	480MB / Second through USB2 connection
<b>Minimum Illumination</b>	3 Lux
<b>Camera Power Supply</b>	5V self-power through USB connection
<b>Minimum System Requirements</b>	Intel Centrino, 1GB unused hard disk space, 256MB RAM, 32MB Display Memory, Windows XP or higher or Macintosh OSX
<b>Included Software</b>	Motic Images Plus 2.0
<b>Calibrate Slide</b>	Motic Certified printed calibration slide

\* For Optional Extras please consult the BA300 brochure