

DMBA300

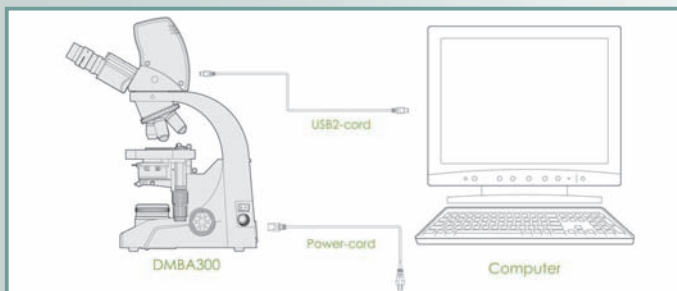
CCIS Digital Routine Laboratory Microscope



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 centerable 1.25NA 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 1600x1200 pixels
- The reversed quintuple nosepiece and the large hard-coated mechanical stage offers a flexible and versatile working space
- Motic Images Plus 2.0 Multi Language edition application software is included in the package
- Supplied with a free USB2.0 High Speed data transfer PCI card

Simple Plug & Play connection



Microscope Specifications

Head	Siedentopf Trinocular Head with 3rd tube as a built-in Digital Camera
Eyepieces	Widefield WF10X/20mm with diopter control on both eyepieces
Nosepiece	Reversed Quintuple Nosepiece with positive click stops and rubber grip
Objectives	Motic CCIS EF Plan 4X, 10X, 40X (spring), 100X (spring, oil)
Stage	174mm x 145 mm Mechanical Stage with Vernier Scale
Focusing	Tension Adjustable Coaxial Coarse and Fine with shuttle control on right side
Condenser	Rack & Pinion Dovetail-mounted centerable 1.25NA Abbe Condenser with filter holder
Illumination	6V/30W Quartz Halogen Koehler Illumination with stepless intensity control
Microscope Power Supply	110V-240V Variable Voltage

Digital Specifications

Imaging Device	2.0 Megapixels 1/2" CMOS
Effective Pixels	1600 x 1200
Max. Still Image Resolution	1600 x 1200
Scanning System	Progressive Scan
Max. Frame Rate	10fps @ 1600 x 1200, 40fps @ 800 x 600
Max. Data Transfer	480MB / Second through USB2 connection
Minimum Illumination	3 Lux
Camera Power Supply	5V self-power through USB connection
Minimum System Requirements	PIII, 1GB unused hard disk space, 256MB RAM, 32MB Display Memory, Windows XP or 2000
Included Software	Motic Images Plus 2.0 Multi Language
Calibration Slide	Motic Certified printed calibration slide

* For Optional Extras please consult the BA300 brochure