

# DMB1-223ASC-B

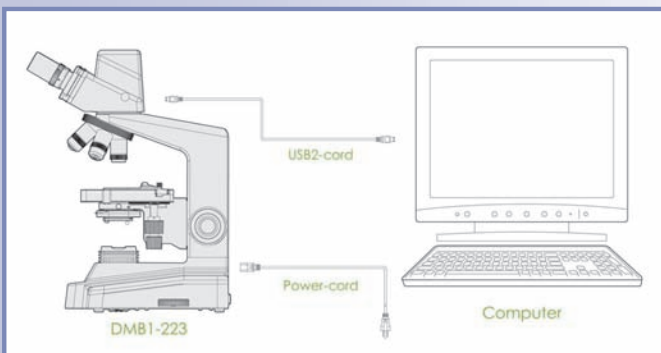
Solid & Professional Base  
High-Resolution Digital Microscope



# DMB1-223ASC-B

- This professional microscope has a powerful 2.0 Megapixel camera built-in and features a high-speed USB2.0 data connection straight from the microscope
- Connect this microscope to a Computer and display high-resolution live images on the screen or a data projector
- Allowing the microscope to be shared by a lot of people by transmitting high-resolution, true-colour images to the computer screen, this unit is a powerful teaching tool for any laboratory or classroom
- Coaxial focusing and coaxial stage controls are comfortable and easy to use
- Motic's own Achromatic Super Contrast (ASC) objectives make this microscope useful in both laboratory or classroom conditions

## Simple Plug & Play connection



## Microscope Specifications

<b>Head</b>	Sliding Trinocular Head 30° inclined with 3rd tube as a built-in Digital Camera
<b>Eyepieces</b>	Widefield WF10X/20mm with diopter control in both eyetubes
<b>Nosepiece</b>	Quadruple Nosepiece with positive click stops and rubber grip
<b>Objectives</b>	Motic ASC 4X, 10X, 40X (spring), 100X (spring, oil)
<b>Stage</b>	140mm x 135 mm Mechanical Stage with Vernier Scale
<b>Focusing</b>	Tension Adjustable Coaxial Coarse and Fine
<b>Condenser</b>	Rack & Pinion mounted focusable 1.25NA Abbe Condenser with filter holder
<b>Illumination</b>	12V/20W Halogen with stepless intensity control
<b>Microscope Power Supply</b>	110V-240V Variable Voltage

## Digital Specifications

<b>Imaging Device</b>	2.0 Megapixels 1/2" CMOS
<b>Effective Pixels</b>	1600 x 1200
<b>Max. Still Image Resolution</b>	1600 x 1200
<b>Scanning System</b>	Progressive Scan
<b>Max. Frame Rate</b>	10fps @ 1600 x 1200, 40fps @ 800 x 600
<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>	PIII, 1GB unused hard disk space, 256MB RAM, 32MB Display Memory, Windows XP or 2000
<b>Included Software</b>	Motic Images Plus 2.0 Multi Language
<b>Calibration Slide</b>	Motic Certified printed calibration slide

\* For Optional Extras please consult the B1 series brochure