

Motic[®]
Digital Microscopy

Distributed by:

the **microscope**  *depot*

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DMB1-223ASC-B

Solid & Professional Base

High-Resolution Digital Microscope



USB 2.0

Windows 2000

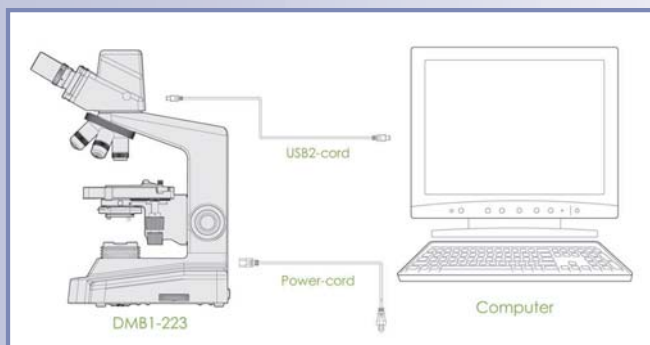
Windows XP

2.0 mega pixel

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

Head	Sliding Trinocular Head 30° inclined with 3rd tube as a built-in Digital Camera
Eyepieces	Widefield WF10X/20mm with diopter control in both eyetubes
Nosepiece	Quadruple Nosepiece with positive click stops and rubber grip
Objectives	Motic ASC 4X, 10X, 40X (spring), 100X (spring, oil)
Stage	140mm x 135 mm Mechanical Stage with Vernier Scale
Focusing	Tension Adjustable Coaxial Coarse and Fine
Condenser	Rack & Pinion mounted focusable 1.25NA Abbe Condenser with filter holder
Illumination	12V/20W Halogen 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 B1 series brochure