Motic®
Digital Microscopy

DMWB1-223ASC

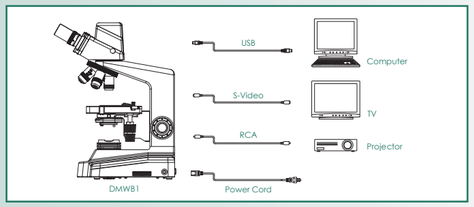
Solid & Professional Base Multiple-Output Digital Microscope

USB S-Video RCA Multiple Output

DMWB1

- This professional microscope has a unique multiple-output CCD camera chip built into the head
- Connect this microscope to a Computer, a Television and a Projector at the same time, giving you ultimate flexibility
- Available in both PAL and NTSC versions and packaged with all cables and power supply necessary, the DMWB1 series represents a flexible and functional microscope for digital and conventional microscopy anytime and anywhere
- 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 on both eyetubes
Nosepiece	Quadruple Nosepiece with positive click-stops and rubber grip
Stage	140mm x 135mm 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	Analog/Digital 1/3" CCD
Effective Pixels	712 x 582 (PAL) 768 x 494 (NTSC)
Max. Still Image Resolution	640 x 480
Framed Resolution	480 TV Lines
Max. Frame Rate	10fps @ 640 x 480 30fps @ 320 x 240
Max. Data Transfer	7.5MB / Second through USB1.0 / 1.1 connection
Data Connections	USB RCA S-Video
Camera Power Supply	12V external power supply
Minimum System Requirements	Pentium II, 1 GB unused hard disk space, 128MB RAM, 16MB Display Memory, Windows 98SE, ME, 2000 or XP
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

www.motic.com

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