

**Motic**<sup>®</sup>  
Digital Microscopy

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# DMWB1-223ASC

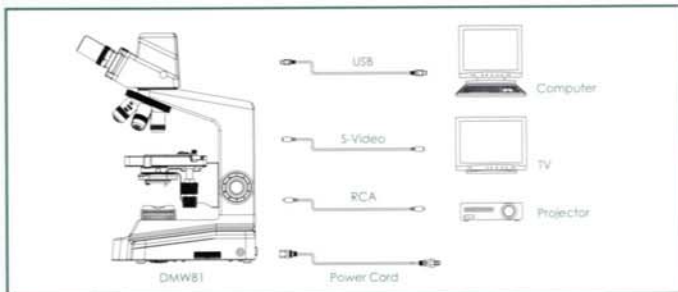
Solid & Professional Base Multiple-Output Digital Microscope



# 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

<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 on both eyetubes
<b>Nosepiece</b>	Quadruple Nosepiece with positive click-stops and rubber grip
<b>Stage</b>	140mm x 135mm 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>	Analog/Digital 1/3" CCD
<b>Effective Pixels</b>	712 x 582 (PAL) 768 x 494 (NTSC)
<b>Max. Still Image Resolution</b>	640 x 480
<b>Framed Resolution</b>	480 TV Lines
<b>Max. Frame Rate</b>	10fps @ 640 x 480 30fps @ 320 x 240
<b>Max. Data Transfer</b>	7.5MB / Second through USB1.0 / 1.1 connection
<b>Data Connections</b>	USB RCA S-Video
<b>Camera Power Supply</b>	12V external power supply
<b>Minimum System Requirements</b>	Pentium II, 1 GB unused hard disk space, 128MB RAM, 16MB Display Memory, Windows 98SE, ME, 2000 or XP
<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