

Motic[®]
Digital Microscopy

DMW143

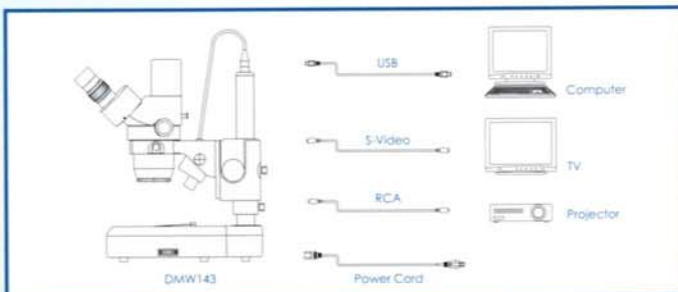
Precision Zoom Stereo Digital Microscope



DMW143

- The DMW143 is available with a choice of a large working platform base (FBGG) or a space-saving compact base (N2GG)
- 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 DMW143 series is a versatile and professional digital stereo solution
- With its 1:4 Zoom ratio and a working distance of 80mm, this microscope can fulfill all common stereo tasks
- Connected to a Television and the Computer at the same time, the DMW143 becomes a perfect tool for quick inspection, measuring and image filing

Simple Plug & Play connection



Microscope Specifications

Head	Stereo Microscope Trinocular Head 45° inclined with 3rd tube as built-in Digital Camera
Eyepieces	Widefield WF10X/20mm with diopter control on both eyetubes
Magnification	Stereo Zoom with 1:4 zoom ratio
Stand	Pole-Type Stand with Large Working Surface (FBGG) Pole-Type Compact Stand (N2GG)
Focusing	Ergonomic & Large Focusing Controls
Illumination	Incident 12V/15W with stepless intensity control Transmitted 12V/10W 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

DM143-FBGG

Stereo Zoom Optics & 2.0MP Live Imaging

- 1:4 Ratio Zoom Stereo System
- Large working stage surface
- Built-in top and bottom illumination
- Built-in live imaging chip at 1600x1280 pixel resolution
- Pole-mounted focusing block



Microscope	Digital Stereo Zoom
Optics	WF10X/20mm Eyepieces with diopter control 1:4 Ratio Zoom Optics
Magnification	10X-40X
Illumination	Top: 12V/10W Halogen Bottom: 12V/10W Halogen
Focusing	Coarse with Tension Control
Power	Universal Voltage Power Supply
Camera	
Imaging Chip	1/2" Built-in
Live Resolution	Max. 1600x1280 Pixels
Data Link	USB2.0
Software Included	Motic Images Plus 2.0ML for Windows Motic Images Plus 2.0 for OSX (available Jan 2006)
Operating System	Windows: 2000 or XP; P3 1.0GHz 256MB RAM Mac: OSX, G4, 1GHz, 256MB RAM
Accessories	Dust Cover Calibration Slide