

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

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# DMW143

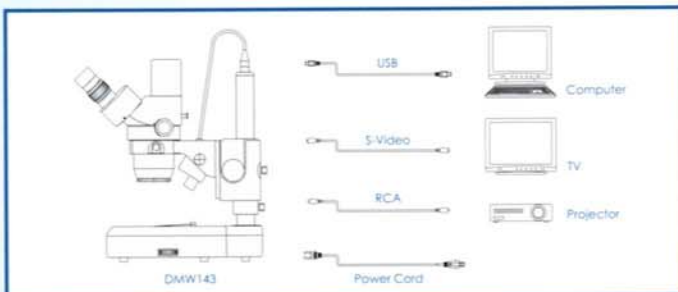
Precision Zoom Stereo Digital Microscope



# 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

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

# 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



<b>Microscope</b>	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
<b>Camera</b>	
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