

ZoomHD

DIGITAL MACRO ZOOM INSPECTION SYSTEM



MIGHTY DIGITAL INSPECTION
IN A COMPACT DESIGN

Live HD Images for Rapid Inspection

The 4.0 megapixel CMOS camera of the *ZoomHD* delivers crisp, sharp images for live viewing or captured photos. The *ZoomHD* connects to any HD monitor with its included HDMI cable. Wide Dynamic Range (WDR) enables visualization of more detail in the sample.

Wide 7:1 Zoom Range

The *ZoomHD* offers a 0.7x – 5.0x magnification range with click stops at 1x, 2x, 3x, 4x and 5x. Magnification can be easily adjusted on the front of the microscope.

Integrated LED Ring Light

A ring light is integrated into the *ZoomHD* microscope. 56 bright LEDs provide brilliant, even illumination across the field of view. Use the adjustable intensity to provide the right amount of illumination for your sample.

On-screen Camera Control With Optional Monitor — No PC required!

The *ZoomHD* features built-in camera and measurement software, and can be readily controlled using just the included USB-connected mouse. Save images to internal storage (16GB), or to a removable SD card (16GB, included). No need for a PC!

Calibrations for Measurements

Calibrate the zoom positions for fast, easy and repeatable on-screen measurements. Save the image and the measurements are saved, too. On-screen measurements can also be used for rapid go/no-go decisions.

Specifications

Zoom Body	Zoom lens 0.7x—5x with click stops
Objectives	1x objective (included), W.D. 105mm 1.4x objective (optional), W.D. 100mm 0.5x objective (optional), W.D. 170mm
Illumination	Integrated LED ring light with 56 bulbs, adjustable intensity, color temperature 5000-5500K
Camera	Built-in 4.0 MP CMOS camera with WDR image
Features	Built-in camera and measurement software; on-screen measurements (with optional monitor) for rapid inspection; video mode
Input / Output Modes	HDMI Output • USB 2.0 • Mini USB <i>Included: HDMI cable for connecting optional HD monitor; USB-connected mouse</i>
Storage	16GB internal storage; removable 16GB SD card (included)
Stand	Large, plain base, total focus range 225mm
Monitor Format	HD ready - monitor not included
Power Supply	100/240v; 50/60Hz; 12V, 3.3A power consumption
Dimensions	Stand: 260mm X 320mm X 352.5mm (LWH) with standard 1.0x objective

Design, features and specifications are subject to change without notice.



Side ports allow for easy and quick connections for HDMI (included), USB and mini USB cables, as well as buttons for on/off, camera and video controls.



Save images to the internal storage (16GB) or to the included removable SD card (16GB).



The integrated, variable LED ring light provides brilliant, even illumination across the field of view.



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