UNITRON®

EXCELLENCE BY DESIGN SINCE 1952

ZoomHD

DIGITAL MACRO ZOOM INSPECTION SYSTEM



FEATURING
LIVE HD
1080p VIDEO!

MIGHTY DIGITAL INSPECTION

IN A COMPACT DESIGN

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Zoom HD DIGITAL MACRO ZOOM INSPECTION SYSTEM

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Live HD 1080p Images for Rapid Inspection

The 2.0 megapixel camera of the ZoomHD delivers crisp, sharp 1080p images for live viewing or captured photos. Connect an HD monitor to the ZoomHD (HDMI cable included), or chose the ZoomHD model with integrated HD monitor, to view live images.

Wide 7:1 Zoom Range

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

Integrated LED Ring Light

With 56 bright LEDS, the integrated LED ring light delivers brilliant, even illumination across the field of view. Use the adjustable intensity to provide the right amount of light for your sample.

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

The ZoomHD features built-in camera software that is readily controlled using the included wireless mouse. Users can adjust white balance, exposure, high dynamic range, gain and more. Save images directly to the user-supplied USB drive. No need for a PC!

Specifications

Zoom Body	Zoom lens 0.7x—5.0x with click stops
Objectives	1x objective (included), W.D. 105mm, FOV 25mm-3.5mm (CAT# 147-15-01) 0.5x objective (optional), W.D. 170mm, FOV 51mm-7mm (CAT# 147-15-05)
Illumination	Integrated LED ring light with 56 LEDs, adjustable intensity, color temperature 5000-5500K
Camera	Built-in 2.0MP CMOS camera with HDR adjustment; 1920x1080 pixels
Features	Built-in camera and software; on-screen controls (with optional monitor) for rapid inspection
Input / Output Modes	HDMI Output (1080p, 60fps) ● USB 2.0 *Included: HDMI cable with models requiring user-supplied HD monitor; wireless mouse (all models)*
Storage	USB drive *(not included)*
Stand	Track stand, gliding boom stand, ball bearing boom stand, or pole stand with post mount
Monitor Format	HD ready *(available with integrated HD monitor or user-supplied monitor)*
Power Supply	100/240v; 50/60Hz; 12V, 3.3A power consumption

		ZoomHD With Integrated Monitor	**ZoomHD** *(Without Integrated Monitor)*
Dimensions (LWH) **With 1x Objective**	Track Stand	260mm x 320mm x 622mm	260mm x 320mm x 352.5mm
	Gliding Boom Stand	686mm x 283mm x 622mm	686mm x 283mm x 352.5mm
	Ball Bearing Boom Stand	750mm x 263mm x 622mm	750mm x 263mm x 352.5mm
	Pole Stand	381mm x 283mm x 622mm	381mm x 283mm x 352.5mm
	Boom Stand	533mm x 254mm x 622mm	533mm x 254mm x 352.5mm

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



Two USB 2.0 side ports allow for easy and quick connection of the wireless mouse (included) and a USB flash drive (not included). Connect an HD monitor via the HDMI port, and use the camera button to snap an image (images are saved to the USB flash drive).



Readily change zoom with the front-mounted zoom wheel. Click stops make it easy to repeat magnification positions.



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

CE RoHS ISO 9001 • 14001

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