



DX56P & DXHD56P Zoom Digital Microscope

DX56P Zoom
Digital Microscope with
Camera Adapter Tube



DXHD56P Zoom
Digital Microscope with Built-
in HD or 4K HD Camera



DX56P Zoom Digital Microscope Features

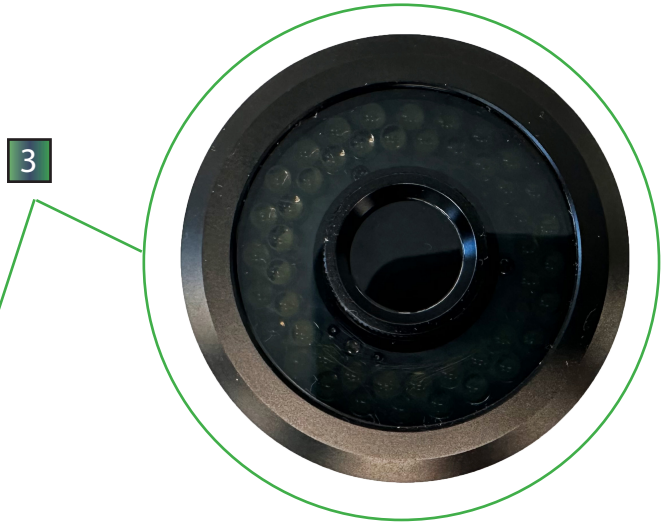


1 C-Mount camera adapter tube allows for camera of choice to be paired with zoom microscope.

2 Zoom lens with detents. Magnification from 0.7x - 5.6x, with NA = 0.09. Maximum resolution 5 μ m.

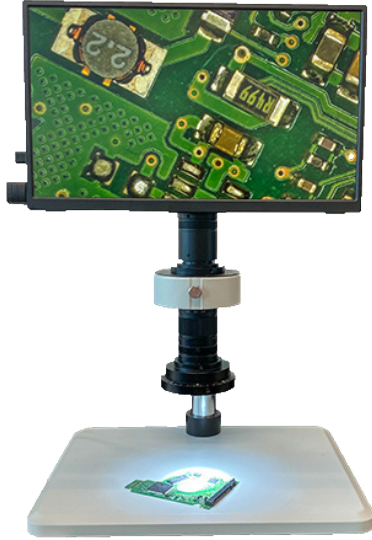
3 LED ring light with integrated polarizer and analyzer.

4 Auxiliary lens 1x and 0.75x



4





DX56P Zoom Digital Microscope 15x - 154x

- Zoom lens 0.7x - 5.6x with 15x-154x on-screen magnification with 13" monitor.
- 2mp HD or 8mp UHD 4K camera
- Maximum resolution 5 μ m.
- LED ring light with integrated polarizer and analyzer.
- Post stand with large base.

DX56P Zoom Digital Boom Microscope 15x - 154x

- Zoom lens 0.7x - 5.6x with 15x-154x on-screen magnification with 13" monitor.
- Maximum resolution 5 μ m.
- 2mp HD or 8mp UHD 4K camera.
- LED ring light with integrated polarizer and analyzer.
- Boom stand with tilting focus holder.



DX56P Zoom Digital Articulated Arm Microscope 15x - 154x

- Zoom lens 0.7x - 5.6x with 15x-154x on-screen magnification with 13" monitor.
- Maximum resolution 5 μ m.
- 2mp HD or 8mp UHD 4K camera.
- LED ring light with integrated polarizer and analyzer.
- Clamping articulated arm stand with tilting focus holder.



DXHD56P Zoom Digital Microscope Features



1 Built-in 2mp HD camera or 8mp UHD 4K camera. HDMI connection to monitor. Camera controls: exposure, gain, white balance, color adjustment, sharpness. Mouse included for on-screen controls. On-screen measurement and calibration. SD card slot for image capture.

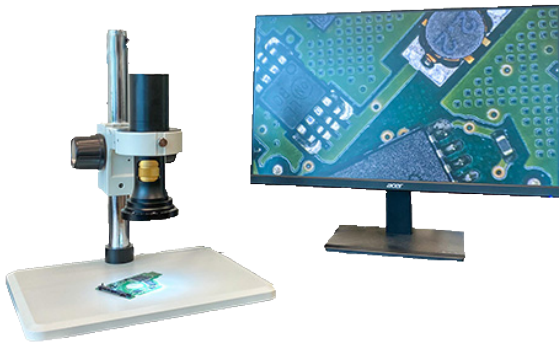
2 3-way Multi-function adjustment wheel for brightness control.

3 Zoom lens with detents. Magnification from 0.7x - 5.6x, with NA = 0.09. Maximum resolution 5 μ m.

4 LED ring light with integrated polarizer and analyzer.

5 Auxiliary lens 1x and 0.75x



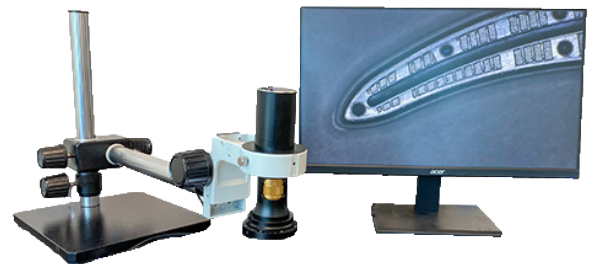


DXHD56P Zoom Digital Microscope 24x - 313x

- Zoom lens 0.7x - 5.6x with 24x-313x on-screen magnification with 22" or 27" UHD 4K monitor.
- Built-in 2mp HD or 8mp UHD 4K camera.
- Maximum resolution 5 μ m.
- LED ring light with integrated polarizer and analyzer.
- Post stand with large base.

DXHD56P Zoom Digital Boom Microscope 24x - 313x

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- Boom stand with tilting focus holder.



DX56P Zoom Digital Articulated Arm Microscope 24x - 313x

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- Maximum resolution 5 μ m.
- Built-in 2mp HD or 8mp UHD 4K camera.
- LED ring light with integrated polarizer and analyzer.
- Clamping articulated arm stand with tilting focus holder.



DX56P Zoom Digital Microscope Specifications

Zoom Lens	0.7x - 5.6x, NA = 0.09, with detents for measurements
Auxiliary Lens	1x, WD = 80mm
	0.75x, WD = 105mm
Maximum Resolution	5 μ m
Illumination	LED ring light with integrated polarizer and analyzer
Stands	Post stand with large working area of 320mm W x 260mm D. Post is 355mm H.
	Boom stand with tilting pin mount focus holder. Base 259mm W x 290mmD. Maximum distance from the vertical post to the end of the base is 227mm (8.9"). Vertical post is 383mm (15.1") tall. Horizontal post is 540mm long.
	Clamping articulated arm stand with tilting pin mount focus holder. Clamp = 104mm x 77mm x 136mm. Articulated Arm = 104mm x 450mm x 160mm.
Focusing	Coarse focusing holder.
Camera	2mp HD camera 1080p, live resolution 1920 x 1080 pixels. 2mp image capture to USB flash drive. Live image 1080p 60 fps. HDMI connection to monitor.
	8mp UHD 4K camera 2160p HDMI + USB3 + SD Card / USB Flash Drive. Live image 3840 x 2160 30fps. 8 mp image capture to SD card or USB flash drive. HDMI connection to monitor. Software included for image capture and measurement on a PC.
Camera Controls	Exposure, gain, white balance, color adjustment, sharpness. Mouse included for on-screen controls. On-screen measurement and calibration.
Monitor	13" HD Monitor
	13" UHD Monitor
Power	2mp HD camera: DC12V/2A
	8mp UHD 4K Camera: DC12V/2A, power on/off switch



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Focusing	Coarse focusing holder.
Camera	Built-in 2mp HD camera 1080p, live resolution 1920 x 1080 pixels. Live image 1080p 60fps. HDMI connection to monitor. SD card slot for image capture.
	Built-in 8mp UHD 4K camera 2160p. Live image 3840 x 2160 30fps. HDMI connection to monitor. SD card slot for image capture.
Camera Controls	Exposure, gain, white balance, color adjustment, sharpness. Mouse included for on-screen controls. On-screen measurement and calibration.
Monitor	22" HD Monitor
	27" UHD 4K Monitor
Power	DC12V/1A, power on/off switch.

