



Dino-Lite
Digital Microscope

AM7013MZT-X

Microscope + AM35B stand included

POLARISED



USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC



5.0 Megapixels

Capture incredibly detailed images with up to 2592 x 1944 resolution.



Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant.



Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass.



MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



Specifications

Model	AM7013MZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	20x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 8, 7, Vista, XP MAC OS 10.4 or later
Unit Weight	140 (g)
Unit Dimension	10.5cm (H) x 3.2cm (D)

The Dino-Lite Premier AM7013MZT digital handheld microscope has a 5 Megapixels sensor with adjustable polarizer abilities. Allowing you to observe things in high resolution and see things you couldn't with direct lighting. With up to 200x magnifications depending on working distance, polarization, and 2592x1944 of resolution; you will not miss detail under any magnification.

The AM7013MZT is appropriately incased with an aluminum alloy providing robust protection only fit to hold 5 Megapixels of viewing power. It also includes our convenient Microtouch II sensor for on microscope picture taking and built in bright white LEDs to instantly illuminate objects.

The Dino-Lite digital handheld microscope experience is not complete without the included DinoCapture 2.0 software that allows you to take pictures, record video, and also annotate on images. This model also includes the measurement and calibration capabilities only available for professional models such this. The AM7013MZT with 5 Megapixels sensor and adjustable polarizer allows you to observe in overwhelming detail under any magnification and see more with its adjustable polarizer.

Adjustable Polarizer



Rotate the ring to adjust the amount of polarization you require.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.8	14.9
30	21.7	13.2	9.9
40	9.0	9.9	7.4
50	1.9	7.9	5.9
60	-2.3	6.6	5.0
220	-0.1	1.8	1.4
230	1.0	1.7	1.3
240	2.1	1.7	1.2

M = magnification rate WD = working distance FOV = field of view DOF= depth of field Unit = mm