

# Dino-Lite

## Digital Microscope

*The Industry Standard*



**Dino-Lite product range for:  
diamond jewelers, gemologists,  
watchmakers and jewelers.**

The Dino-Lite digital microscopes are tailored for a broad range of user groups. In the diamond, watch and jewelry business the following target groups can be distinguished:

- Watch repair and manufacturing
- Gemologists
- Diamond jewelers and traders
- Diamond cutters
- Jewelers
- Gemstone collectors

*"...the polarizer gives crystal clear images, even when working with shiny objects..."*



**Dino-Lite** has developed a special range of microscopes and accessories, tailored to fit the needs of the jewelry industry. Specially designed polarized lighting makes it an ideal solution for inspection and working on jewelry, watches or precious stones. Bundled with the DinoCapture for Windows or DinoXcope for Macintosh software, the Dino-Lite is a very powerful and easy to use tool.



*Inspection of gemstone with Dino-Lite*



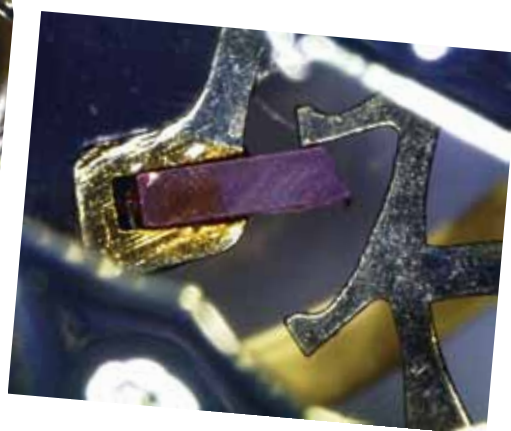
*Watch repair setup*

# Professional

solution for inspection, quality control, classifying and working on jewelry, watches, diamonds and gemstones. The series with long working distance of up to 15 cm enables the user to work under the microscope. The built-in adjustable polarizer helps to reduce glare on shiny objects. Available in composite and full aluminum alloy housing.



*Open watch 50x Magnification*



*Open Watch 500x Magnification*

*"...flexible and easy to use..."*



## Software

Included with each Dino-Lite digital microscope is a copy of the DinoCapture software (Windows and Macintosh). The software enables you to capture either a photograph, video or time lapsed video with a simple click! The software offers enhanced features like measurement (line, radius, circle, 3-point circle etc.) or calibration (only Plus and Pro models and up).



**AM413ZT** is the ideal solution for inspection and taking pictures of jewelry, diamonds and gemstones. The built-in polarizer helps to reduce the glare on shiny objects, resulting in crystal clear pictures. The pictures can be stored and shared through email or instant messenger software like Skype or MSN.

Application: inspection and quality control of jewelry, watches, diamonds and gemstones.

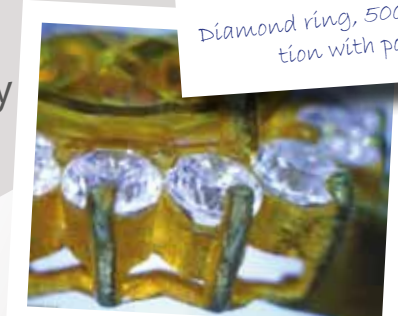


**AM413MZT** offers the same functionality as model AM413ZT, including polarizer, but additionally it offers aluminum alloy housing. The aluminum housing offers enhanced protection and durability and has the best look and feel.

Application: inspection and quality control of jewelry, watches, diamonds and gemstones.



Diamond ring, 500x magnification with polarizer



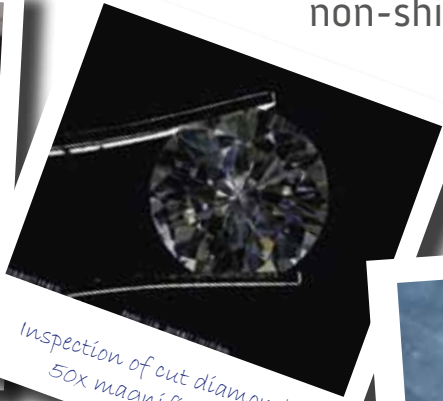
Diamond ring, 50x magnification with polarizer



**AM413TL** is one of the long working distance models and designed to provide magnification at a greater working distance. This makes it an ideal solution for tasks where you need more working distance from the object, for example watch and jewelry repair or diamond cutting  
Application: repair work, quality control or classifying of jewelry, watches and non-shining gemstones.



*Diamond necklace,  
20x magnification*



*Inspection of cut diamond,  
50x magnification*



**AM413MZTL** is an ideal solution for inspection, classifying and working on jewelry, watches, diamonds and gemstones. The long working distance of up to 15 cm enables the user to work under the microscope. The built-in adjustable polarizer helps to reduce glare on shiny objects. The aluminum housing offers enhanced protection and durability and has the best look and feel.  
Application: repair work, quality control or classifying of jewelry, watches, diamonds and gemstones.

**BL-ZW1** is a backlight accessory which opens up a whole new range of applications. The backlight has a built in, freely rotatable polarizer that works in combination with the Dino-Lite polarizing microscopes such as AM413ZT or AM413MTLZ. The BL-ZW1 offers a light intensity over 5000 mcd.



**SL-ZW1** is a polarized USB powered gooseneck light with the ability for the polarization to be adjusted by a simple rotation on the accessory itself.

**MS16C** specimen holder is a great tool for examining small objects under a Dino-Lite microscope. The pivoting elbow on the MS16C can rotate 180 degrees, while the other joints can rotate 180 degrees, thus creating greater freedom for examining small specimens.





**MS35B** is a square metal base with column and support providing several adaptable heights. The MS35B is a stable vertical desktop stand. It provides 360 degrees of horizontal axis rotational perspective and as much as 20 cm of vertical working distance from the object. Includes special Dino-Lite holder.

**MS36B** is a square metal base with column and support providing several adaptable heights. The MS36B has a horizontal beam to enable additional flexibility in the horizontal plane. Includes special Dino-Lite holder.



Many additional Dino-Lite stands and accessories are available; please check [www.dino-lite.eu](http://www.dino-lite.eu) for more information.



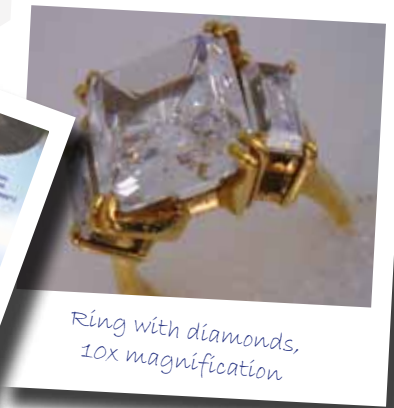
GIA sign on diamond,  
200x magnification



Ring with ruby and diamonds,  
10x magnification



Diamonds and gemstones  
with measurement



Ring with diamonds,  
10x magnification

Model	Resolution	Magnification	Measurement	Calibration	LED	LED on/off	Diffuse lighting	Metal housing	Long working distance	Polarizer
AM413ZT	1,3 Megapixel	10-70x, 200x	✓	✓	8	✓				✓
AM413MZT	1,3 Megapixel	10-70x, 200x	✓	✓	8	✓		✓		✓
AM413TL	1,3 Megapixel	10-90x	✓	✓	8	✓			✓	
AM413MZTL	1,3 Megapixel	10-90x	✓	✓	8	✓		✓	✓	✓
BL-ZW1	External back-light with rotatable polarizer									
SL-ZW1	USB powered polarized side light									
MS16C	Rotatable specimen holder									
MS35B	Metal vertical desktop stand									
MS36B	Metal vertical desktop stand with horizontal beam									

The Dino-Lite product range comprises more than 70 models, for information on other models, please check [www.dino-lite.eu](http://www.dino-lite.eu) or contact your local reseller.

European Distribution:

**IDCP**  
Digital Innovation  
[www.dino-lite.eu](http://www.dino-lite.eu)

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