

Dino-Lite

Digital Microscope
The Industry Standard



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

Redefine the microscope



Applications

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

A powerful tool

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.



A professional solution

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.



Flexible and easy to use



Advanced software included

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).



AM4113ZT

 ADJUSTABLE
~10-70x & 200x

 1.3 MEGAPIXEL
1280 x 1024

 POLARIZER
ANTI-REFLECTION

Great solution when working with reflective objects



The AM4113ZT 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.



AM4013MZT

 ADJUSTABLE
~10-70x & 200x

 1.3 MEGAPIXEL
1280 x 1024

 POLARIZER
ANTI-REFLECTION

Great for working with shiny/reflective objects



The AM4013MZT offers the same functionality as model AM4113ZT, 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.



AM4113TL

CONTINUOUS
~10x-90x

1.3 MEGAPIXEL
1280 x 1024

LONG WORKING
DISTANCE
4-15 cm

Ideal for repair / precision
assembly tasks)



AM4113TL is one of the long working distance models and is 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.

AM4013MZTL

CONTINUOUS
~10x-90x

1.3 MEGAPIXEL
1280 x 1024

POLARIZER
ANTI-REFLECTION

LONG WORKING
DISTANCE
4-15 cm

Great for working with
shiny/reflective objects



AM4013MZTL 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.

AM7013MZT

ADJUSTABLE
~10-70x & 200x

5 MEGAPIXEL
2592 x 1944

POLARIZER
ANTI-REFLECTION

Great solution when
working with reflective
objects



The Dino-Lite 5 megapixel series provide crystal clear high resolution images of superior quality. The high resolution sensor makes it possible to display the microscopic image without loss of quality on large size screens or use them for printing. All the 7013 models come in a robust aluminum alloy housing for enhanced protection. The built-in adjustable polarizer helps to reduce glare on shiny objects

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

Also available: AD7013MTL with long working distance.

BL-ZW1



The 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 AM4113ZT, AM4013MZTL or AM7013MZT. The BL-ZW1 offers a light intensity over 5000 mcd.

SL-ZW1



The SL-ZW1 is a polarized USB powered gooseneck light with the ability to adjust the polarization by a simple rotation on the accessory itself.

MS16C



The 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



The 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.

MS36B



The 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.



Model	Resolution	Magnification	Long working distance	Measurement	Calibration	LED	LED on/off	Diffuse lighting	Polarizer	Metal housing
AM4113ZT	1,3 Megapixel	10-70x, 200x	-	✓	✓	8	✓	-	✓	-
AM4013MZT	1,3 Megapixel	10-70x, 200x	-	✓	✓	8	✓	-	✓	✓
AM4113TL	1,3 Megapixel	10-90x	✓	✓	✓	8	✓	-	-	-
AM4013MZTL	1,3 Megapixel	10-90x	✓	✓	✓	8	✓	-	✓	✓
AM7013MZT	5 Megapixel	10-70x, 200x	-	✓	✓	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									



Distributed by:

Lab Unlimited
CARL STUART GROUP

Tallaght Business Park
Whitestown, Dublin 24,
Ireland
D24 RFK3

Tel: (01) 4523432
Fax: (01) 4523967
E-mail: info@labunlimited.com
Web: www.labunlimited.com

Quatro House, Frimley Road,
Camberley,
United Kingdom
GU16 7ER

Tel: 08452 30 40 30
Fax: 08452 30 50 30
E-mail: info@labunlimited.co.uk
Web: www.labunlimited.co.uk