

AM7515MT1A



Merk:

Productcode: AM7515MT1A

Korte omschrijving

5 Megapixel resolution

70x ~ 140x magnification

Coaxial and brightfield illumination

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

Omschrijving

The AM7515MT1A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 70x ~ 140x with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.



USB 2.0



Measurement
functionality



Adjustable
~70x-140x



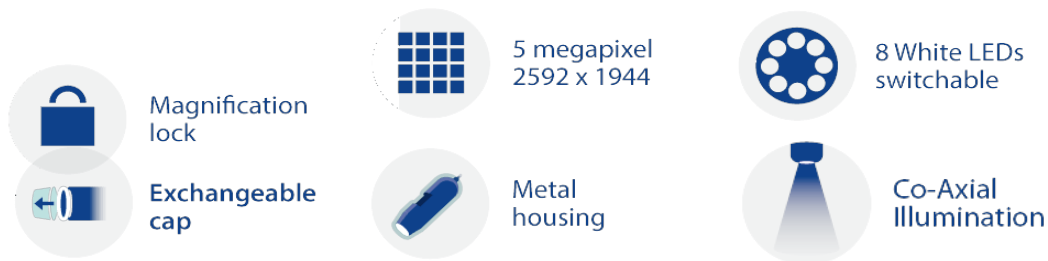
Standard working
distance



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)



The coaxial illumination technique reveals details that are very difficult to see under normal light. The AM7515MT1A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software. These unique features make the Dino-Lite AM7515MT1A a great inspection tool for material analysis, electronics inspection, or any similar application that requires, coaxial illumination, versatility and mobility. The Dino-Lite AM7515MT1A is bundled with the user-friendly DinoCapture 2.0 software for Windows.

For this model it includes functions such as:

- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Calibration
- Measurement
- Capturing & annotating images
- And recording video

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
70	38.6	5.6	4.2	0.77
80	36.2	4.9	3.7	0.62
90	34.8	4.3	3.3	0.52
100	34.2	3.9	2.9	0.44
110	34.0	3.6	2.7	0.38

120	34.2	3.3	2.4	0.33
130	34.7	3.0	2.3	0.30
140	35.4	2.0	2.1	0.27
Listed values may differ slightly	*Without front cap			Unit = mm

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes, N3C-D
Emissiefilter	No
Polarisator	No
Optiek	
Magnification	70x ~ 140x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	5 Megapixel (2592x1944)
Maximale framesnelheid	30fps (max 20fps video recording)
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.11.16 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC

Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	10.7cm (L) x 3.2cm (D)
Gewicht	139g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR), Flexible LED Control (FLC), Coaxial illumination
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, software CD, user manual, quick guide, calibration target, front cover box
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1000,00 - €1200,00

Product galerij