

AM7515MZT1P-APL



Merk:

Productcode: AM7515MZT1P

Korte omschrijving

5 Megapixel Edge sensor

Aim point laser (APL)

Integrated polarizer

70-140x magnification

Automatic Magnification Reading (AMR)

Flexible LED Control (FLC)

Omschrijving

Integrated with Aim Point Laser (APL), the AM7515MZT1P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT1P is a 5MP microscope with a 70-140x magnification range featuring AMR, FLC, APL, metal housing and a polarizer.



USB 2.0



Aim Point Laser
656nm laser diode



5 megapixel
2592 x 1944



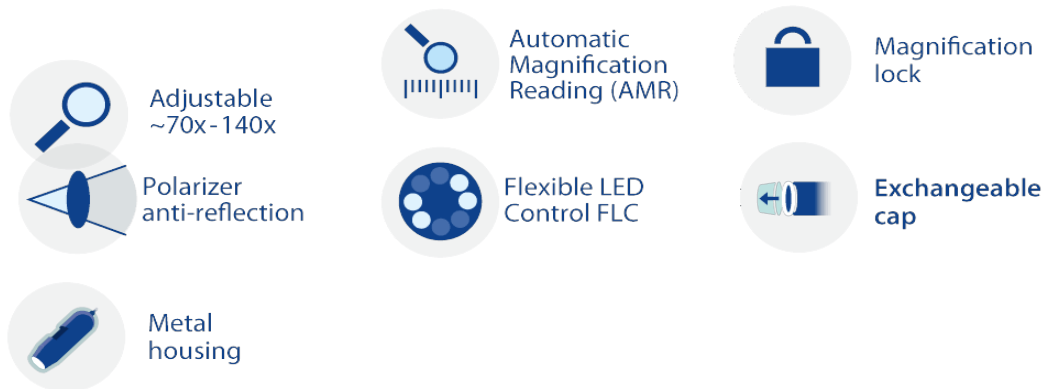
Standard working
distance



Measurement
functionality



8 White LEDs
switchable



The AM7515MZT1P is part of the universal range and with its standard working distance and wide magnification range from 70-140x, it is suitable for a wide range of applications. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc. The AMR function is of particular importance when the measurement functions are frequently used.

The Aim Point Laser (APL) is an integrated trough-lens laser projecting a red dot that provides a visual reference point for the positioning and focusing of the target.

The main features of the AM7515MZT1P are:

- 5 Megapixel Edge sensor
- 70-140x magnification
- Integrated polarizer
- Aluminum housing
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Aim Point Laser (APL)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
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Listed values may differ slightly					Unit = mm
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130	-	4.5	3.0	2.2	-
140	-	5.0	2.8	2.1	-
150	-	5.6	2.6	1.9	-
160	-	6.3	2.4	1.8	-
170	-	7.1	2.3	1.7	-
180	-	8.0	2.2	1.6	-
190	-	8.9	2.1	1.5	-
200	-	9.9	2.0	1.5	-
210	-	10.9	1.9	1.4	-
220	-	11.9	1.8	1.3	0.1
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 included)
Emissiefilter	No
Polarisator	Yes, linear
Laser Pointer	656nm laser diode
Optiek	
Magnification	70x ~ 140x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	5.0 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.14 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
Afmetingen	10.7cm (L) x 3.2cm (D)
Gewicht	140gr
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR), Flexible LED Control (FLC). Aim Pointer Laser (APL)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Garantie-informatie	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Prijsklasse	€1000,00 - €1200,00