

AM4115T-GRFBY

Merk: Dino-Lite

Productcode: AM4115T-GRFBY



Korte omschrijving

1.3 Megapixel resolution

480 & 575nm excitation, 510 & 610nm emission filter

20-220x Magnification

To observe GFP/FITC & TxRed/mCherry

Omschrijving

The Dino-Lite AM4115T-GRFBY digital microscope is optimized for research and viewing fluorescent objects by using 480nm and 575nm excitation LEDs. It has a 510nm and 610nm emission filter that is designed to observe a wide range fluorophores with applications in developmental biology, pathology, and anatomy.



USB 2.0



Measurement
functionality



Adjustable
~20x-220x



Magnification
lock



1.3 megapixel
1280 x 1024



Fluorescent LEDs ~
480 & 575nm



Standard working
distance

The AM4115T-GRFBY has the capability of switching the light source from the 480nm

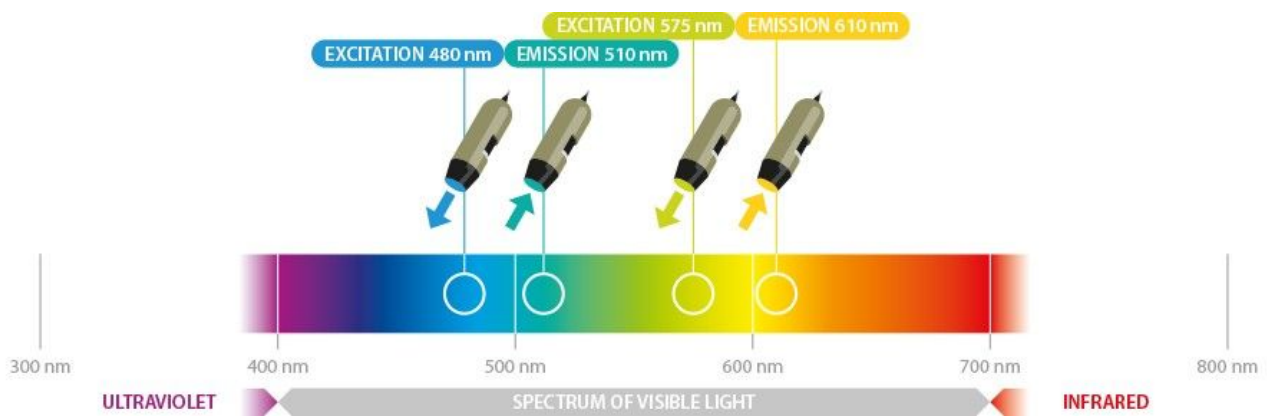
excitation LEDs to the 575nm LED, which is convenient for dual color stained fluorescence. All of these factors make the AM4115T-GRFBY the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly	* Without front cap			Unit = mm
20	60.2	19.5	15.6	2.5
30	33.5	13.0	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	-
60	9.7	6.5	5.2	-
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	-
90	4.5	4.3	3.5	-
100	4.1	3.9	3.1	-
110	4.0	3.6	2.8	-
120	4.1	3.3	2.6	-
130	4.5	3.0	2.4	-
140	5.0	2.8	2.2	-
150	5.6	2.6	2.1	-
160	6.3	2.4	2.0	-
170	7.1	2.3	1.8	-
180	8.0	2.2	1.7	-
190	8.9	2.1	1.6	-
200	9.9	2.0	1.6	-
210	10.9	1.9	1.5	-
220	11.9	1.8	1.4	0.1

Special Light



Specificatie

Verlichting	
Licht / LED-type	480nm excitation + 575nm excitation
Aantal leds	4 FL + 4 FL
LED aan / uit schakelbaar:	Yes
Infrarood filter	No
Diffusor beschikbaar	No
Emissiefilter	510nm & 610nm
Polarisator	No
Fluorophores	GFP/FITC & TxRed/mCherry
Optiek	
Vergroting	20-220x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x1024)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Inbegrepen 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	MOV

videoformaten (MacOS)	
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Composite/ plastic housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	105g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	No
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	No
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration target, user manual
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€800,00 - €1000,00