AM4115T-RFYW

Marke: Artikelnummer: AM4115T-RFYW

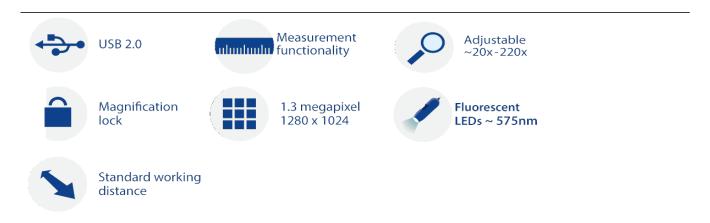


Short Description

1.3 Megapixel resolution575nm excitation and 610nm emission filter20-220x magnificationTo observe TxRed, mCherry

Beschreibung

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



The AM4115T-RFYW has the capability of switching the light source from the 575nm

LEDs for excitation lighting to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-RFYW 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					
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF	
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD	
Listed values	* Without front			Unit = mm	
may differ	cap				
slightly					
20	60.2	19.5	15.6	2.5	
20 30	33.5	19.5	10.4	2.3 1.8	
40	20.9	9.8	10.4 7.8	1.8 1.5	
				1.3	
50	13.9	7.8	6.3	-	
60 70	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

Spezifikation

Lighting				
Light/ LED type	575nm excitation + white			
Number of LEDs	7 FL + 1 White			
LED on/off switchable:	Yes			
Infrared filter	No			
Diffuser available	No			
Emission filter	610nm, LP			
Polarizer	No			
Fluorophores	TxRed, mCherry			
Optics	- ···· · · · · · · · · · · · · · · · ·			
Magnification	20x ~ 220x			
Macro zoom	No			
Working distance	Standard			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	1.3 Megapixel (1280x1024)			
Maximum frame rate	30 fps			
Compatibility	50 105			
Interface	USB 2.0			
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up			
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats (Windows)	WMV, FLV, SWF			
Supported image formats (MacOS)	JPEG, PNG			
Supported video formats (MacOS)	MOV			
Imaging standards	DirectShow, UVC			
Housing				
Housing material	Composite/ plastic housing			
Magnification lock	Yes			
Dimensions	10.5cm (L) x 3.2cm (D)			
Weight	100g			
Cable length	1.8m			
Features				
Special feature	No			
Measurement	Yes			
Calibration	Yes			

Microtouch sensor	Yes
ESD safe	No
Information	
Package contents	Microscope, carry pouch, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-LB (Black Long Cap) N3C- OB (Black Open Cap)
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€700,00 - €900,00



