AM4115T-RFYW

Marka: Ürün Kodu: AM4115T-RFYW

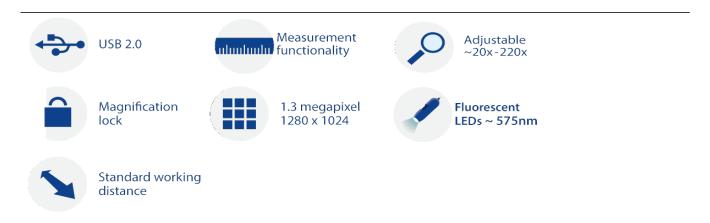


Short Description

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

Aç?klama

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	
30	33.5	13.0	10.4	1.8	
40	20.9	9.8	7.8	1.5	
40 50	13.9	9.8 7.8	6.3	1.5	
50 60	9.7	6.5	5.2	-	
70	9.7 7.1	5.6	4.5	- 1.0	
80	5.5	4.9	3.9	1.0	
90	4.5	4.3	3.5	-	
100	4.1	4. <i>3</i> 3.9	3.1	-	
110	4.0	3.6	2.8	_	
120	4.1	3.3	2.6	-	
120	4.5	3.0	2.4	-	
140	5.0	2.8	2.4	_	
140	5.6	2.6	2.2	_	
160	6.3	2.4	2.0	_	
170	7.1	2.3	1.8		
180	8.0	2.2	1.7	-	
190	8.9	2.2	1.7	_	
200	9.9	2.0	1.6	_	
210	10.9	1.9	1.5	_	
220	10.9	1.9	1.5	- 0.1	
	11.7	1.0	1.4	0.1	

Special Light

Özellikler

Light/LED type575nm excitation + whiteNumber of LEDs7 FL + 1 WhiteLED on/off switchable:YesInfrared filterNoDiffuser availableNoEmission filter610nm, LPPolarizerNoFluorophoresTxRed, mCherryOptics0Wagnification20-220xMacro zoomNoWorking distanceStandardLens typeGlass with anti-reflection coatingSensorCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityJono & 100 & 11, MacOS 10.9 and upDinoCapture 2.0 (Windows), DinoXcope (Mac OS)DinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXSupported video formatsWMV, FLV, SWF(Windows)PEG, PNGSupported video formatsMOVSupported video formatsMOVSupported video formatsDirectShow, UVCWireless-ready, requires the WF-10 WiFi streamer (optional)Housing materialComposite/ plastic housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight100gCabel length1.8m	Lighting				
Number of LEDs7 FL + 1 WhiteLED on/off switchable:YesInfrared filterNoDiffuser availableNoEmission filter610nm, LPPolarizerNoFluorophoresTxRed, mCherryOptics	Light/ LED type	575nm excitation + white			
Infrared filterNoDiffuser availableNoEmission filter610nm, LPPolarizerNoFluorophoresTxRed, mCherryOpticsVarent 2000Magnification20-220xMacro zoomNoWorking distanceStandardLens typeGlass with anti-reflection coatingSensorVarent 2000Maximum frame rate30 fpsCompatibilityVindows 7, 8, 10 & 11, MacOS 10.9 and upSoftwareDinoCapture 2.0 (Windows), DinoXcope (MacOS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, OS)Supported video formatsVWV, FLV, SWF(Windows)PCX, MNG, WBMP, JP2, JPC, PGXSupported video formatsMOV(MacOS)DirectShow, UVCWifiWireless-ready, requires the WF-10 WiFi streamer (optional)Housing materialComposite/ plastic housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight100gCable length1.8mFeaturesVarent 2000	Number of LEDs	7 FL + 1 White			
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Emission filter610nm, LPPolarizerNoFluorophoresTxRed, mCherryOptics	Infrared filter	No			
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Cable length 1.8m Features	Dimensions	10.5cm (L) x 3.2cm (D)			
Cable length 1.8m Features	Weight	100g			
	Cable length	1.8m			
Special feature No	Features				
-	Special feature	No			

Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
ESD safe	No			
Information				
Package contents	Microscope, carry pouch, software CD, calibration			
	target, user manual			
Warranty information	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€700,00 - €900,00			



