

TAGARNO FHD PRESTIGE

IMPROVE YOUR QUALITY CONTROL BY CONTINUOUSLY
ADDING NEW TECHNOLOGY TO YOUR MICROSCOPE



With this agile digital microscope from TAGARNO, you quickly and easily gain access to the latest technology without having to invest in new microscopes all the time - you only have to invest in your preferred selection of add on features to update your current TAGARNO FHD microscope and you are all set! That way, you always have a digital microscope with the most current and relevant features available and you are thereby always able to alter the system to assist you in your quality work.

TAGARNO
seeing solutions

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OBTAIN EXCELLENT AND HIGH QUALITY IMAGE DOCUMENTATION

With 1080p image quality, 60 frames per second and 30x optical zoom, a digital microscope from TAGARNO provides you with an extremely sharp image to view and document the quality of your magnified objects. The camera provides you with an undistorted image without interference or delay - precisely as the magnified object in real life. Built-in autofocus and the ultrasensitive light sensor guarantee ultra-sharp images with enhanced depth of field in any magnification level.

CREATE HIGH QUALITY IMAGE DOCUMENTATION OF ITEMS WITH VARYING HEIGHT

Easily create high quality documentation images with the Focus Stacking feature. Create one ultra-sharp image from top to bottom of an object by automatically stacking images at different focus heights on top of each other. No blurred or out of focus areas of the image.

GREAT STABILITY ENABLES HIGH MAGNIFICATION LEVELS

Depending on your choice of lens, TAGARNO FHD PRESTIGE is able to magnify from 1.7x to 660x on a 24" monitor. The stability and great image quality allows you to get a great field of view. This means, that you can overlook larger areas of a magnified object than with traditional microscopes at minimum zoom.

SAVE IMAGES DIRECTLY TO A MEMORY STICK FOR EASY DOCUMENTATION WORK

With the integrated USB 2.0 slot you can store your images directly on any USB Memory Stick and transfer the images to your computer later, making your documentation work quick and easily sharable around the company supply chain.

EFFORTLESSLY SAVE AND SHARE VERIFICATION IMAGE AND VIDEO

Integrated USB 3.0 enables you to show and capture uncompressed video on a computer for further editing or distribution to colleagues and business partners with 3rd party software.

EASILY AND ACCURATLY MEASURE SMALL OBJECTS

Turn the vertical and/or horizontal OSD ruler on to get a ruler displayed in metrics or imperial units on top of your live screen image, according to preferred measuring units. It is also possible to save an image with graphics from the ruler function. Set the ruler color to your preferred color choice, to separate it from your displayed object.

PERFORM MEASUREMENTS WITHOUT A COMPUTER

TAGARNO Measurement Application enables you to perform precise measurements directly from your FHD microscope. You do not need an external computer to do measurements - you can just use our stand alone computer microscopes

Dimensions	H: 464mm/18.3" / D: 325mm/12.8" / W: 275mm/10.8"	
Weight	11 kg/24,25 lbs	
Camera resolution	FHD 1080p, 1920x1080@25/30/50/60Hz	
Camera zoom	30x optical	
Work height	Min: 27mm/1.06", Max: 250mm/9.84"	
Work depth	150mm/5.91"	
Auto Monitor Detect	Yes	
Plug connection	2 x USB 2.0 Type A Socket	USB 3.0 output Type B Socket
	Control box D-SUB 9-Pin Female	ESD Snap Socket, 10mm
	Monitor output HDMI Standard Type A	Power supply DC Jack
	Ethernet RJ-45	
Power requirements	Line voltage & frequency	100 - 240V ~ ± 10%, 50/60Hz
	Line frequency	50/60Hz
	AC current consumption (typ.)	200mA/100V~ 90mA/240V~
	DC current consumption (typ.)	1.7A/12V ---
Temperature	Storage: -5 to 60°C / 23 to 140°F, Operation: 5 to 40°C / 41 to 104°F	
Humidity range	Storage: 20 to 90% RH non-condensing, Operation: 30 to 80% RH non-condensing	