



# MICROSCOPE COMPARISON CHART

PRODUCT FEATURES	TAGARNO FHD ZAP 129X - FLEXIBLE	TAGARNO FHD ZIP 53X - SIMPLE												
														
Camera resolution	FHD 1080p, 1920x1080p at 59,94/50/29,97/25Hz HD 720p, 1280x720p at 59,94/50Hz	FHD 1080p, 1920x1080p at 59,94/50/29,97/25Hz HD 720p, 1280x720p at 59,94/50Hz												
Dimensions	H: 121mm/4.76" R: 100mm/3.94"	H: 350mm/13.78" W: 155mm/6.10" D: 386mm/15.20"												
Weight	1,5 kg/3.31 lbs	2,0 kg/4.4 lbs												
Working height	Min: 78mm/3.07" Max: 645mm/25.39" (depends on flexarm)	Min: 245mm/9.65"												
Working depth	Adjustable (depends of flexarm and installation)	280mm/11.02"												
Zoom	30x optical	30x optical												
Auto & Manual focus	Yes	Yes												
Control included	Control on top	XKEY control box												
Control options	XKEY control box, Foot switch	Foot switch												
XY table	No	No												
Image capture, stand alone	No	No												
Image capture, PC	Yes (with third-party software)	Yes (with third-party software)												
Laser pointer (on/off)	Yes	No												
Cable types included	HDMI, USB 3.0 & ESD	Mini-HDMI - HDMI & Micro-USB - USB 3.0												
Output format	HDMI & USB 3.0 (fixed cables)	Mini-HDMI & Micro-USB 3.0												
Aspect ratio	16:9	16:9												
Field of view	<table border="0"> <tr> <td>+2 lens</td> <td>Max: 600.0 mm/23.62" Min: 21.0 mm/0.83"</td> <td>+3 lens</td> <td>Max: 409.0 mm/16.10" Min: 13.4 mm/0.53"</td> </tr> <tr> <td>+4 lens</td> <td>Max: 290 mm/11.42" Min: 11 mm/0.43"</td> <td>+5 lens</td> <td>Max: 244.6 mm/9.63" Min: 8.0 mm/0.31"</td> </tr> <tr> <td>+10 lens</td> <td>Max: 125.1 mm/4.93" Min: 4.1 mm/0.16"</td> <td>+10 lens (plan 1x)</td> <td>Max: 87 mm/3.42" Min: 4 mm/0.16"</td> </tr> </table>	+2 lens	Max: 600.0 mm/23.62" Min: 21.0 mm/0.83"	+3 lens	Max: 409.0 mm/16.10" Min: 13.4 mm/0.53"	+4 lens	Max: 290 mm/11.42" Min: 11 mm/0.43"	+5 lens	Max: 244.6 mm/9.63" Min: 8.0 mm/0.31"	+10 lens	Max: 125.1 mm/4.93" Min: 4.1 mm/0.16"	+10 lens (plan 1x)	Max: 87 mm/3.42" Min: 4 mm/0.16"	+4 lens Max: 290 mm/11.42" Min: 11 mm/0.43"
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Included lens	+4 (58 mm)	+4 (58 mm)												
Lens options	+2, +3, +4, +5, +10	+4												
Magnification on 24" monitor	<table border="0"> <tr> <td>+2 lens</td> <td>0.8x - 26x</td> <td>+3 lens</td> <td>1.3x - 40x</td> </tr> <tr> <td>+4 lens</td> <td>1.7x - 53x</td> <td>+5 lens</td> <td>2.3x - 66x</td> </tr> <tr> <td>+10 lens</td> <td>4.2x - 129x</td> <td>+10 lens (plan 1x)</td> <td>4.3x - 133x</td> </tr> </table>	+2 lens	0.8x - 26x	+3 lens	1.3x - 40x	+4 lens	1.7x - 53x	+5 lens	2.3x - 66x	+10 lens	4.2x - 129x	+10 lens (plan 1x)	4.3x - 133x	+4 lens 1.7x - 53x
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**GENERIC ADVANTAGES**  
 High image quality  
 Real time image display (60 fps)  
 Auto and manual focus  
 Ergonomic advantages  
 Improved cooperation



# MICROSCOPE COMPARISON CHART



PRODUCT FEATURES	TAGARNO FHD UNO 92X - COST EFFICIENT	TAGARNO FHD TREND 330X - BESTSELLER	TAGARNO FHD PRESTIGE 660X - PREMIUM																																				
Camera resolution	FHD 1080p, 1920x1080@ 60/50/30/25Hz	FHD 1080p, 1920x1080@ 60/50/30/25Hz	FHD 1080p, 1920x1080@ 60/50/30/25Hz																																				
Dimensions	H: 464mm/18.3" W: 300mm/11.8" D: 499mm/19.6"	H: 460mm/18.11" W: 325mm/12.80" D: 530mm/20.87"	H: 464mm/18.27" W: 320mm/12.60" D: 325mm/12.80"																																				
Weight	5,2 kg/11.46 lbs	6,8 kg/14.99 lbs	11,0 kg/24.25 lbs   BACKLIGHT: 14,0 kg/30.86 lbs																																				
Working height	Min: 140mm/5.51" Max: 390mm/15.35"	Min: 34mm/1.34" Max: 323mm/12.72"	Min: 33.5mm/1.32" Max: 288mm/11.34"																																				
Working depth	370mm/14.57"	385mm/15.16"	150mm/5.91"																																				
Zoom	20x optical	30x optical	30x optical																																				
Auto & Manual focus	Yes	Yes	Yes																																				
Control options (not included)	XKEY control box, XPLUS FHD control box, Foot switch	XKEY control box, XPLUS FHD control box, Foot switch	XKEY control box, XPLUS FHD control box, Foot switch																																				
Applications, included	Ruler	Ruler, Focus Stacking	Ruler and Focus Stacking																																				
Applications, optional	Focus Stacking, Watermark, Measurement, Verification Lines, Image Comparison, Speck Counter, Color Analyzer, Particle Analyzer and DXF Overlay	Watermark, Measurement, Verification Lines, Image Comparison, Speck Counter, Color Analyzer, Particle Analyzer and DXF Overlay	Watermark, Measurement, Verification Lines, Image Comparison, Speck Counter, Color Analyzer, Particle Analyzer and DXF Overlay																																				
XY-Table	Optional	Optional	No																																				
Image capture, stand alone	Yes, USB and internal storage	Yes, USB and internal storage	Yes, USB and internal storage																																				
Image capture PC	Yes (with third-party software)	Yes (with third-party software)	Yes (with third-party software)																																				
Laser pointer (on/off)	No	Yes	No																																				
Cable types included	HDMI-HDMI, HDMI-DVI, USB 3.0	HDMI-HDMI, HDMI-DVI, USB 3.0	HDMI-HDMI, HDMI-DVI, USB 3.0																																				
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