

◀ Newest Product Information ▶

Longest WD is 500mm!

Ultra-Long Working Distance Zoom Microscope UWZ Series

UWZ100/200P/300FP/400FP/500FP

- * Longer W.D. can achieve observing specimens in vacuum chamber
- * Longer W.D. can achieve observing specimens being out of reach before
- * Coaxial Reflecting Illumination can make image brighter and clearer
- * Having wide range of total magnification
- * $\lambda/4$ wave plate, polarizer & analyzer can improve internal reflection

UWZ100	: 90~1260X
UWZ200P	: 42~588X
UWZ300FP	: 27~376X
UWZ400FP	: 20~286X
UWZ500FP	: 17~230X

※ on 19 inch monitor & 1/2 inch CCD camera

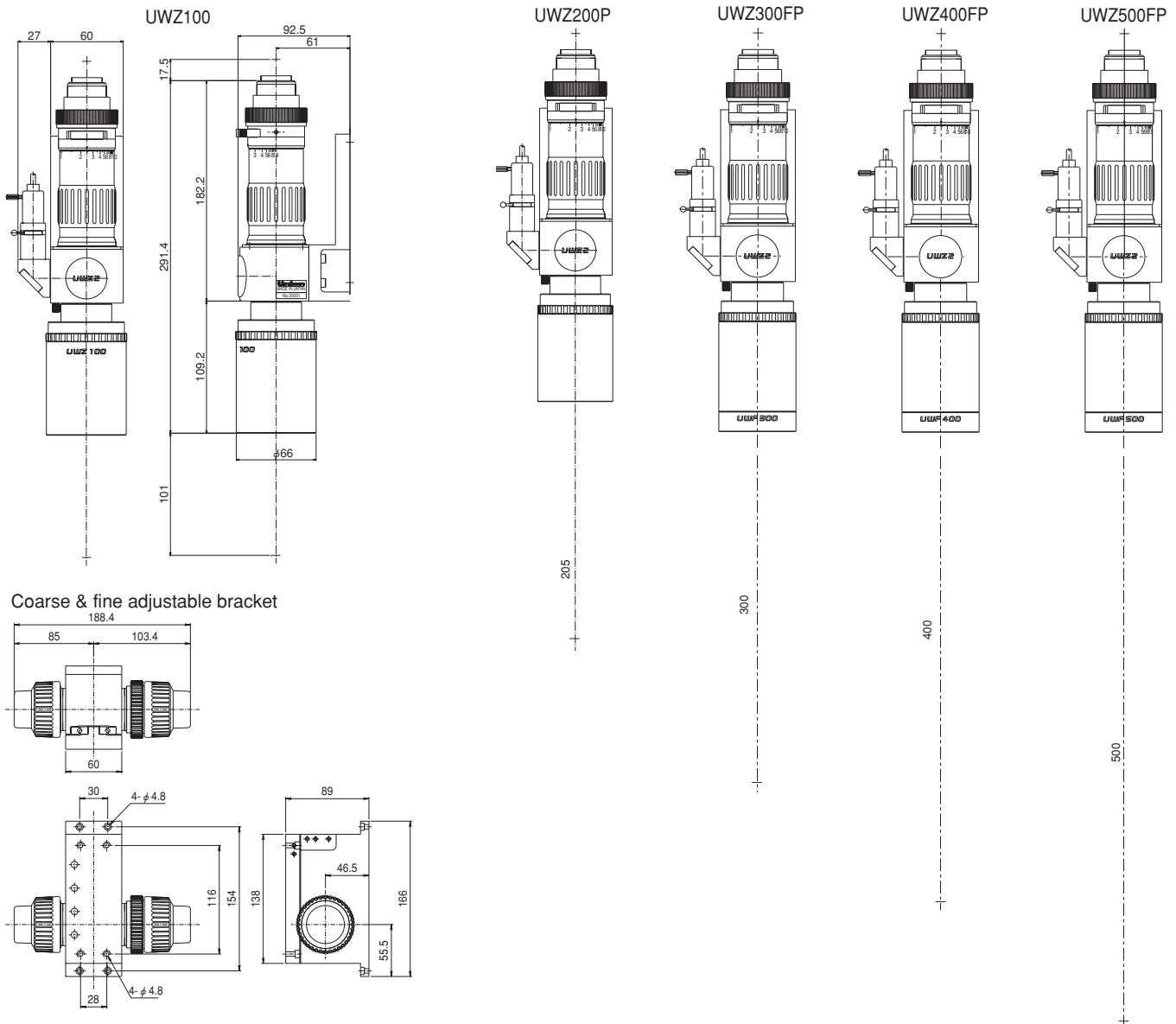


$\lambda/4$ wave plate, analyzer & polarizer

Specifications

Item	UWZ100	UWZ200P	UWZ300FP	UWZ400FP	UWZ500FP
Zoom ratio	14				
Optical magnification	1.5X~21X	0.7X~9.8X	0.45X~6.27X	0.34X~4.76X	0.28X~3.92X
W.D.	100mm (fixed)	205mm (fixed)	300mm (fixed)	400mm (fixed)	500mm (fixed)
W.D.(with $\lambda/4$ wave plate)	-	195mm (fixed)	290mm (fixed)	390mm (fixed)	490mm (fixed)
N.A.	0.03~0.2	0.014~0.093	0.009~0.065	0.007~0.05	0.0058~0.04
Resolution (e-ray) (figuring out theoretically)	11.2 μ m~1.7 μ m	24 μ m~3.6 μ m	37.28 μ m~5.16 μ m	47.93 μ m~6.71 μ m	57.84 μ m~8.39 μ m
Focal depth(e-ray)(figuring out theoretically)	\pm 318 μ m~ \pm 7 μ m	\pm 1400 μ m~ \pm 31 μ m	\pm 3395.1 μ m~ \pm 65.09 μ m	\pm 5612.2 μ m~ \pm 110 μ m	\pm 8174.8 μ m~ \pm 171.9 μ m
Field Number / objective side	ϕ 5.3mm~ ϕ 0.3mm	ϕ 11.4mm~ ϕ 0.8mm	ϕ 17.8mm~1.28mm	ϕ 23.5mm~1.67mm	ϕ 28.6mm~2.08mm
Field Number / viewing side	ϕ 8mm C-Mount (applicable to 1/2 inch CCD camera)				
Corrected Wave Length	400nm~700nm				
Illumination	Coaxial Reflecting Illumination (standard equipment)				

External Dimensions



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