

WASP

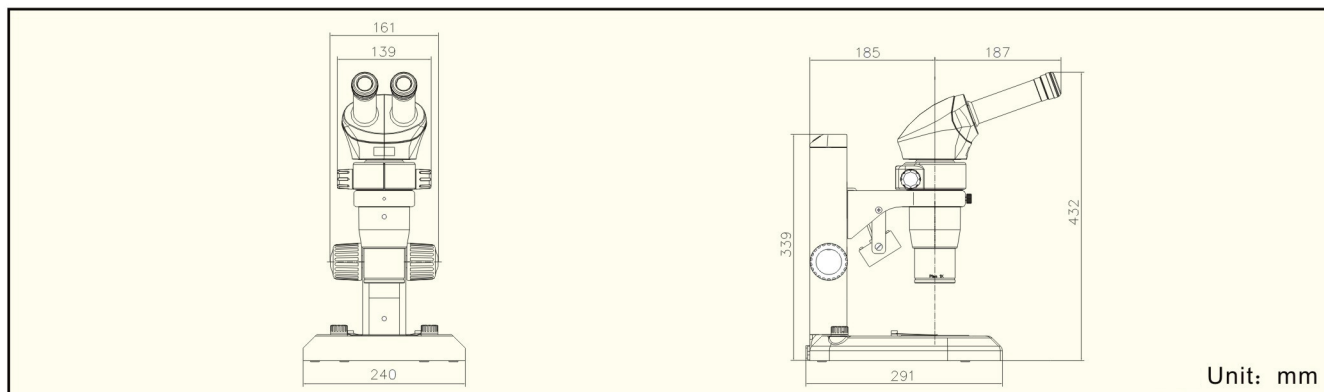
SERIES STEREOSCOPIC MICROSCOPES

- WASP
- Unrivalled optical performance with infinity parallel optical system
- providing even illumination and 6000 hours life expectancy with ultra-thin LED illumination for both incident and transmitted light.
- With complete accessories, it can be used extensively for scientific research, industry, biological and medical field.

Parallel Optical System
Large Zoom Ratio
High Definition



	Coaxial coarse & fine focusing unit	Zoom Ratio	Zoom Objective	Total Magnification
WASP - 810	Standard Outfit	1 : 10	0.8x - 8x	2.4x - 320x
WASP - 808	Optional	1 : 8	0.8x - 6.4x	2.4x - 256x
WASP - 806	Optional	1 : 6	0.8x - 5x	2.4x - 200x

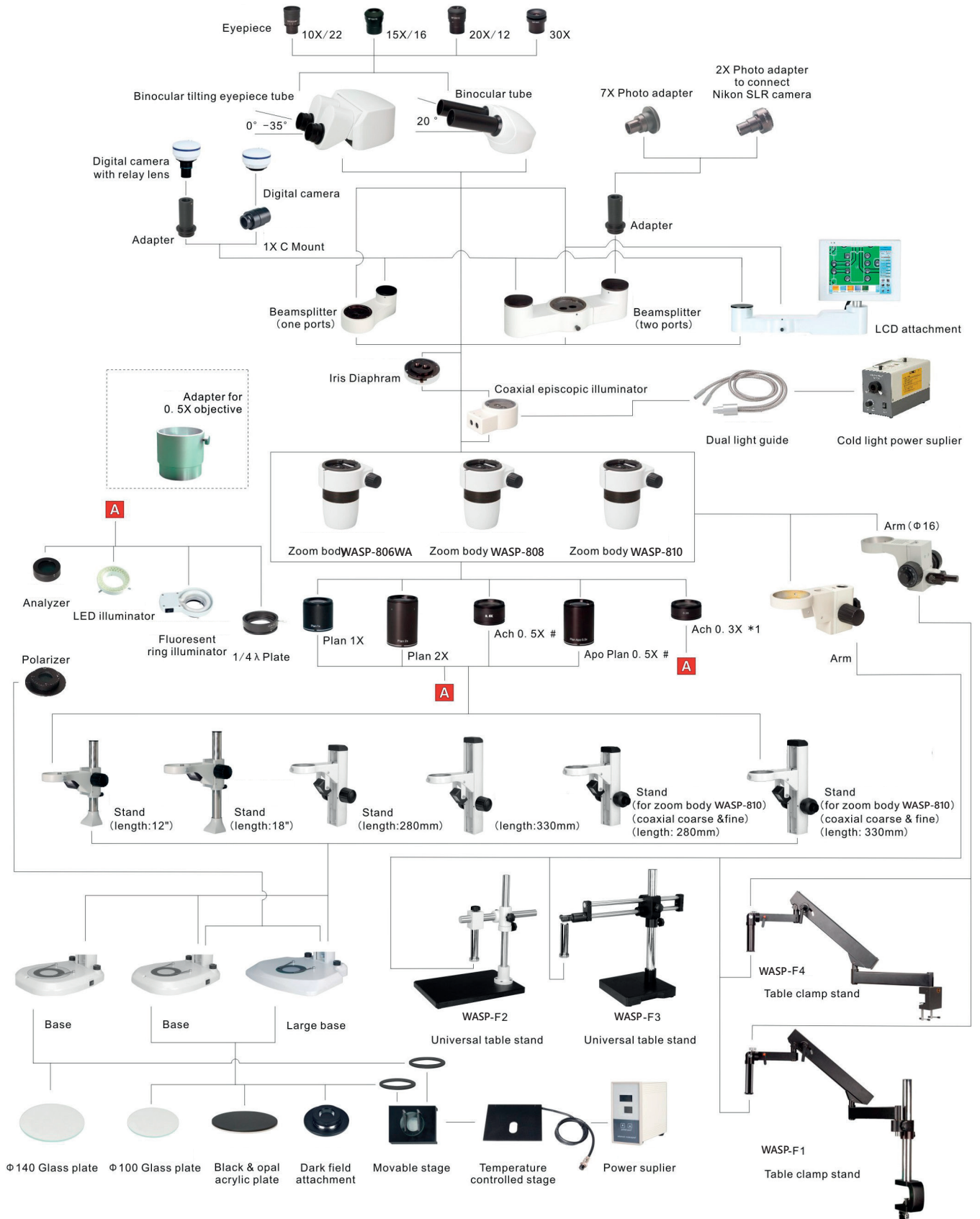


Unit: mm

		WASP-806	WASP-808	WASP-810	
Optical System	Parallel optical zoom system	●	●	●	
Viewing Head	Binocular head, 20° inclined	●	●	●	
	Tilting binocular eyepiece tube, 0° - 35° inclined 137mm	○	○	○	
Eyepiece	10×/Φ 22	●	●	●	
	15×/Φ 16	○	○	○	
	20×/Φ 12	○	○	○	
Objective	Zoom Objective	0.8×~5×	●		
		0.8×~6.4×		●	
		0.8×~8×		●	
	Main Objective	1×Plan achromatic objective	●	●	●
		0.3×Achromatic objective	○	○	○
2×Plan achromatic objective		○	○	○	
0.5×Plan apochromatic objective		○	○	○	
Zoom Ratio	1: 6	●			
	1: 8		●		
	1: 10			●	
Working Distance	78mm	●	●	●	
Focusing Range	105mm	●	●	●	
Illumination	Transmission & reflection LED illumination, brightness adjustable	●	●	●	
Optional	Coaxial illumination	○	○	○	
	Epi-fluorescent attachment	○	○	○	
	Dark field attachment	○	○	○	
	Simple polarization set	○	○	○	
	Iris diaphragm	○	○	○	
	Photo attachment (one photo tube)	○	○	○	
	Photo attachment (two photo tube)	○	○	○	
	Photography & video attachment	○	○	○	
	Movable stage	○	○	○	
	Temperature controlled stage	○	○	○	
	Universal table stand	○	○	○	
	D stand	○	○	○	
Coaxial coarse & fine focusing unit			●		

Note: ● Standard Outfit, ○ Optional

System Diagram



Note: *1 Plan objective 0.3X only for WASP- F1, WASP- F2, WASP- F3, WASP-F4 stand.
 *2 Take away the connecting column of WASP- F1 and WASP-F4.
 1/4 λ Plate only can be used with coaxia episcopic illuminator!

Large Zoom Ratio



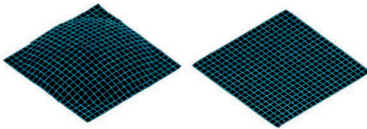
High magnification and large zoom ratio
Total magnification from 2.4× to 320×

Distortion Reduction



Left: With normal Stereo Microscope

Right: Eliminating the effect of the chromatic aberrations with plan achromatic objective



Left: With normal Stereo Microscope

Right: Making sure the true reproduction of the sample with measures of eliminating distortion

Accessories

A wide range of accessories be equipped with the microscope for multi-purpose



Photo attachment
One photo tube



Photo attachment
Two photo tube



Plan achromatic objective
sharper, brighter & distortionless



Iris Diaphragm



Binocular Head
Angle Adjustable



Coaxial coarse & fine system

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