

Specification

Optical	Infinity Corrected Optical System
Head	Gemel type of binocular head,30° inclined Gemel type of trinocular head, 30° inclined Gemel type of binocular head, 30° ~60° inclined(Designing)
Eyepiece	PL10X22mm high eye-point plan eyepiece
Nosepiece	Reversed quintuple nosepiece, reversed quadruple nosepiece for optional.
Objective	Infinity plan achromatic objectives 4X, 10X, 20X, 40X, 100X. Plan phase contrast objective 10X,20X,40X,100X
Focus	lowerness locate Coaxial focus system
Stage	175mm *145mm mechanical stage, adjusting for right or left hand. 75mm * 50mm moving range.
Condenser	N.A.1.2/0.22 swing achromatic condenser N.A.1.25 five position phase contrast condenser N.A.0.9 dry dark field condenser. N.A. 1.25 wet dark field condenser.
Illuminator	Built-in Koehler illuminator systems. 6V/30W halogen bulb, adjustment of brightness.

XY Series specification

Specification		Model	
Parts	Description	XY-B1	XY-B2
EyepieceØ30	PL10X/22mm high eye-point plan eyepiece each with eye-cap	○	○
	PL10X high eye-point plan eyepiece with reticule		
	PL15X/16mm high eye-point plan eyepiece		
plan achromatic Objective	infinity plan achromatic objective 4X	○	○
	infinity plan achromatic objective 10X	○	○
	infinity plan achromatic objective 20X	○	○
	infinity plan achromatic objective 40X	○	○
	infinity plan achromatic objective 100X	○	○
plan phase contrast objective	infinity plan phase contrast objective 10X		
	infinity plan phase contrast objective 20X		
	infinity plan phase contrast objective 40X		
	infinity plan phase contrast objective 100X		
Head	Gemel type of binocular head,30° inclined	○	
	Gemel type of trinocular head, 30° inclined		○
	Gemel type of binocular head, 30° ~60° inclined(Designing)		
Nosepiece	Reversed quintuple nosepiece	○	○
Arm	Lowness coaxial focus system	○	○
Stage	175*145mm mechanical stage, adjusting for right hand	○	○
	175*145mm mechanical stage, adjusting for left hand		
Condenser	NA1.2/0.22 swing achromatic condenser	○	○
	NA1.25 file position phase contrast condenser		
	Phase contrast condenser 10X		
	Phase contrast condenser 20X		
	Phase contrast condenser 40X		
Illuminator	Phase contrast condenser 100X		
	90V~240V/6V 30W halogen bulb	○	○
Filter	yellow filter (Ø45)		
	green filter (Ø45)		
	blue filter (Ø45)		
	filter without color(Ø45)		
Photo tube	PK mount adapter		
	3.2X photo eyepiece		
TV adapter	0.5X C-mount TV adapter with focusable lens		
	0.35X C-mount TV adapter with focusable lens		
Dark field Condenser	dry dark field condenser NA0.9		
	Wet dark field condenser NA1.25		
Polarizing kits	Polarizer (Ø45)		
	Polarizer wave slip		
	wave slip		
	Rotatable circular mechanical stage		