

JPL-135



Description

- JPL135** series polarization microscopes are utilized polarize light to observe and research the polarizing characteristic of the matter which has the double refraction. They can be used to medical inspection, such as the frame detail of the nerve fiber, the animal muscle, the plant fiber and the crystal of the tooth, bone, hair and alive cell etc. It can observe the fine frame of the biochemistry salt crystal that the fine frame can’t be observed for natural light.

Features

- ▲ Equipped with wide field eyepieces and achromatic objectives, the field of view is widely and clearly.
- ▲ Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2μm.
- ▲ 6V 20W halogen lamp transmission illumination, adjustable brightness.

Specification

- Standard Configuration

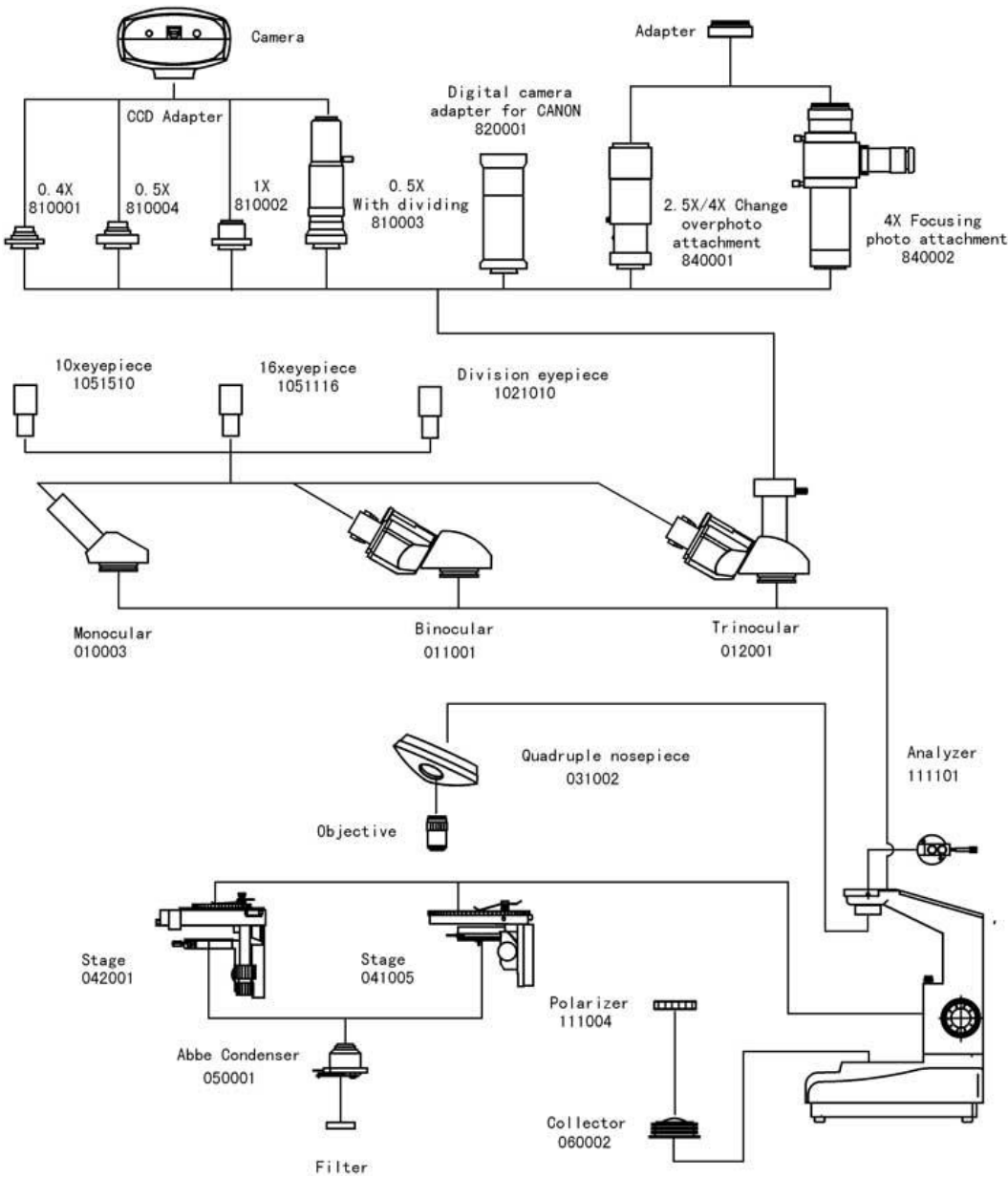
Model	JPL135	JPL135A
Eyepiece	Wide field WF10X(Φ18mm)	
Objective	Achromatic objectives 4X/0.10	
	Achromatic objectives 10X/0.25	
	Achromatic objectives 40X/0.65 (Spring)	
	Achromatic objectives 100X/1.25(Spring, oil)	
Eyepieces tube	Binocular, Inclination of 30°	
Polarization analyzer	Sliding	
Focus system	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2μm.	
Nosepiece	Quadruple (Frontward ball bearing inner locating)	
Stage	Rotatable stage(Diameter:φ120mm)	Double layer mechanical stage with (φ100mm) rotatable stage (Size : 135mmX125mm Moving range : 70mmX30mm)
Abbe condenser	NA.1.25 Rack & pinion adjustable	
Filter	Blue filter	
	Frosted filter	
Polarizer	360° rotatable stage	
Collector	For illumination with halogen lamp With field diaphragm	

Illumination unit	With polarizer,6V 20w, halogen lamp, adjustable brightness
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• Optional accessories

Name	Sort/Technique parameter	NO.
Eyepiece	Wide field WF16X(Φ11mm)	1051116
	Dividing 10X(Φ18mm) 0.1mm/Div	1021010
Eyepieces tube	Monocular , 360°rotatable, inclination of 30°	010003
	Trinocular, ,inclination of 30°,observe and photograph at the same time	012001
Filter	Green filter	115002
	Yellow filter	115003
CCD adapter	0.4X	810001
	0.5X	810004
	1X	810002
	0.5X with dividing 0.1mm/Div	810003
Camera	DV-1 With USB & video output	800001
	DV-2 With USB output	800003
	DV-3 With video output	800005
Photo unit	2.5X/4X Change over photograph attachment with 10X viewing eyepiece	840001
	4X Focusing photograph attachment	840002
	MD Adapter	840003
	PK Adapter	840004
Digital camera adapter	CANON(A610,A620,A630,A640)	820001

Diagram



Dimensions

