

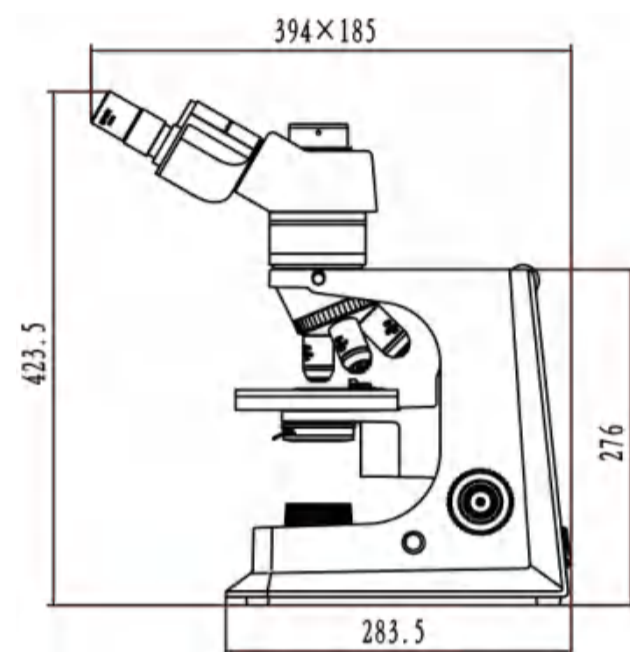
## SMART-POL Polarizing Microscope



• SMART-POL-TR



• SMART-POL



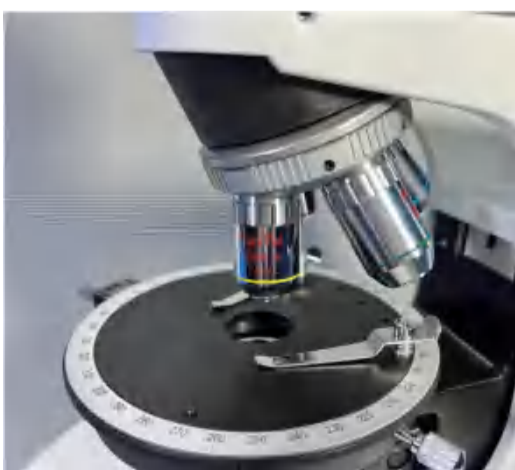
• Smart-POL Polarizing Microscope Size(mm):



- New designed and humanized butterfly binocular head-tubes which can be 360° rotated to raise observing height position than normal tubes to be more convenient for users with different height.



- 5V-12V low voltage input to ensure safe use
- Power bank can be used for LED model power supply, more convenient for field inspection and power-short condition



- Rotatable 360°, division 1°, vernier division 6' round stage can be locked, diameter  $\phi 142\text{mm}$
- Non-stress infinity Plan objectives





● POL-YDC Attached polarizing mechanical stage



● Compensator: Quartz wedge,  $\lambda$  slip,  $\lambda/4$  slip

SMART POL Polarizing Microscope Outfits

Items	Specification	SMART-POL	SMART-POL-TR
Eyepiece	WF 10×-20mm	●	●
	WF 10×-20mm (adjustable , reticule 0.1mm)	●	●
Non-stress Infinity Plan Objective	4×	●	●
	10×	●	●
	20× (S)	●	●
	40× (S)	●	●
	60× (S)	○	○
	100× (S, Oil)	○	○
Swiveling Seidentopf Binocular Head	Inclined 30°, Rotatable 360°,Interpupillary Distance: 48-75mm.	●	○
Swiveling Seidentopf Trinocular Head	Inclined 30°, Rotatable 360°,Interpupillary Distance: 48-75mm. Light Distribution 20:80	○	●
Nosepiece	Quadplex, Center adjustable	●	●
Analyzer Unit	0-90°, It can be moved out of the optical path for single polarizing observe.	●	●
Bertrand Lens	It can be moved out of the optical path.	●	●
Compensator	$\lambda$ Slip (First Class Red)	●	●
	$1/4\lambda$ Slip	●	●
	Quartz Wedge (I-IV Class)	●	●
Revolving Round Stage	Rotatable 360°, Division 1°, Vernier division 6', can be locked. Diameter $\Phi$ 142mm	●	●
Polarizing Attached Mechanical Stage		○	○
Condenser	Abbe N.A. 1.25 Non-stress	●	●
Polarizing Unit	Under the Condenser	●	●
Illumination	5W-LED Lamp DC input	●	●
	12V/30W Halogen Lamp	○	○
Filter $\Phi$ 45	Blue/ Amber / Green / Neutral	○	○
C-mount	1×/0.75×/0.5×/0.35× (Focus adjustable)	○	○

Note: "●"In Table Is Standard outfits, "○" Is Optional Accessories.

Packing Size: 550mm×380mm×285mm    Gross Weight: 8.6 kgs    Net Weight: 7.5 kgs