



## POL.13.P203i/P202i Transmitted Polarizing

POL.13.P202i Transmitted Polarizing Binocular



POL.13.P203i Transmitted Polarizing Trinocular



### Features:

#### High Performance, High Quality

- ◎ UCIS Infinity Independent Achromatic Optical System
- ◎ WF10x plan eyepieces, 20mm field of view, high eye point up to 21mm, 10X plan reticule eyepiece
- ◎ Seidentopf trinocular viewing head, inclined 30°, rotatable 360°
- ◎ 52-75mm interpupillary distance settings
- ◎ ±5 Diopter adjustment
- ◎ with Transmitted light



## Specification

|   | Specification   | <a href="#">POL.13.P202I</a> | <a href="#">POL.13.P203I</a> |
|---|---|------------------------------|------------------------------|
| Head                                      | Seidentopf Binocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm , ±5 Diopter adjustment   | •                            | -                            |
|   | Seidentopf binocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm   | -                            | •                            |
| Eyepiece                                  | 10X20mm Eyepieces   | ••                           | ••                           |
|   | 10X22mm Eyepieces   | ○○                           | ○○                           |
|   | 16X13mm Eyepieces   | ○○                           | ○○                           |
|   | 10X20mm Reticule Eyepiece   | •                            | •                            |
| Infinity Strain-Free Achromatic Objective | Infinity Strain-Free Achromatic Objective 4X  | •                            | •                            |
|   | Infinity Strain-Free Achromatic Objective 10X   | •                            | •                            |
|   | Infinity Strain-Free Achromatic Objective 40X(S)  | •                            | •                            |
|   | Infinity Strain-Free Achromatic Objective 60X(S)  | •                            | •                            |
|   | Infinity Strain-Free Achromatic Objective 100X(S)/(Oil)   | ○                            | ○                            |
| Condenser                                 | Polarizing Condenser  | •                            | •                            |
| Stage                                     | Rotatable stage, Diameter Φ142mm, 360°graduated (in 1° increments), minimum retardation resolution 6' , center adjustable and with tightener  | •                            | •                            |
|   | Specimen Holder   | ••                           | ••                           |
|   | Attachable Mechanical Stage for Option  | ○                            | ○                            |
| Nosepiece                                 | Quadruple, Revolving Nosepiece, Centering Adjustable  | •                            | •                            |
| Intermediate                              | Polarizing Intermediate tube  | •                            | •                            |
| Focusing                                  | Low positioned, coaxial coarse & fine focusing system with an adjustable tension control and upper limit stop, coarse 14mm/rot, fine 0.1mm/rot, minimum reading 1μm on left-side fine knob, moving range 20mm | •                            | •                            |
| Condensor                                 | Swing-Out Condenser N.A.1.25  | •                            | •                            |
| Compensator                               | 1/4λ Retardation Plate Compensator  | •                            | •                            |
|   | λ Tint Plate Compensator  | •                            | •                            |
|   | Quartz Wedge Compensator  | •                            | •                            |
| Transmitted Light                         | Kohler Illuminator (with Field Diaphragm)   | •                            | •                            |
|   | 6V20W Halogen lamp, 110-240V wide voltage   | •                            | •                            |
|   | Electrics for 3W LED(with Rechargeable Battery)   | ○                            | ○                            |
|   | Electrics for 3W LED  | ○                            | ○                            |



|   |   |   |   |
|---|---|---|---|
|   | Lamp Socket with 3W LED Bulb              | ○ | ○ |
| Filter  | Blue Filter (φ38, No Blue Filter for LED) | ● | ● |
|   | Green Filter (φ38)                        | ○ | ○ |
|   | Yellow Filter (φ38)                       | ○ | ○ |
|   | Ground Glass (φ38)                        | ○ | ○ |
| Oil   | Immersion Oil                             | ● | ● |
| “●” Mean Standard Configuration, “○” Mean Optional. |   |   |   |

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