



POL.13.PT203i/PT202i Transmitted & Reflected Polarizing



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 Reflected and Transmitted light



Specification

| | Specification | POL.13.PT202I | POL.13.PT203I |
|---|---|-------------------------------|-------------------------------|
| 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 | • | • |
| Condenser | 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 | ○ | ○ |
| Reflected | Polarizer 360 Degree rotatable | • | • |



| | | | |
|---|--|---|---|
| Light | Analyzer 360 Degree rotatable with scale and minimum vernier | ● | ● |
| | Illumination 6V 50w, halogen lamp, adjustable brightness | ● | ● |
| 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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And www.hyoec.com