



Motic®

MORE THAN MICROSCOPY



BA310PoI

UPGRADABLE POLARIZING MICROSCOPE PLATFORM

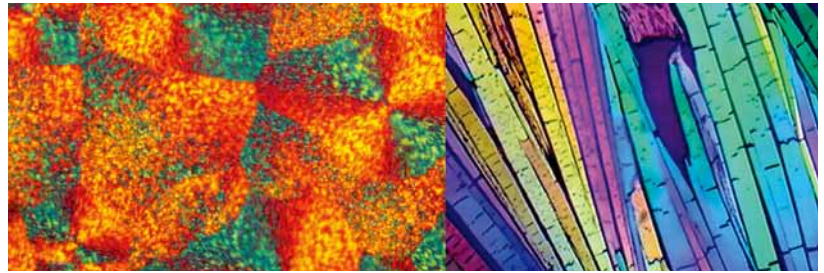


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BA310Pol UPGRADABLE POLARIZING MICROSCOPE PLATFORM



Motic **BA310Pol** microscope offers superb optical performance and flexibility in system expansion that can be applied to thin section petrography, mineralogy, industrial and medical applications.



| BA310 Polarizing Microscope | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---------------------|-----------------|------|-----------------|-----|-----|------|-----|------|------|------|-----|------------|------|------|-----|-----|------|
| Optical System | Color Corrected Infinity Optical System [CCIS®] | | | | | | | | | | | | | | | | | | |
| Observation Tube | Widefield binocular 30° Widefield binocular 30° - light distribution 100:0/20:80 Widefield binocular 30° - light distribution 100:0/0:100 | | | | | | | | | | | | | | | | | | |
| Eyepieces | Widefield high eyepoint, N-WF10X/20mm, diopter adjustment on both eyepieces, rubber eyecup (paired), cross hair on one eyepiece | | | | | | | | | | | | | | | | | | |
| Intermediate tube | 360° rotatable analyzer with focusable Bertrand lens | | | | | | | | | | | | | | | | | | |
| Nosepiece | Reversed quadruple revolving nosepiece, single position centrable | | | | | | | | | | | | | | | | | | |
| Objectives | <table border="1"> <thead> <tr> <th>Strain-free EC Plan</th> <th>4X</th> <th>10X</th> <th>20X (Optional)</th> <th>40X</th> <th>60X</th> </tr> </thead> <tbody> <tr> <td>N.A.</td> <td>0.1</td> <td>0.25</td> <td>0.45</td> <td>0.65</td> <td>0.8</td> </tr> <tr> <td>W. D. (mm)</td> <td>15.9</td> <td>17.4</td> <td>0.9</td> <td>0.5</td> <td>0.35</td> </tr> </tbody> </table> | Strain-free EC Plan | 4X | 10X | 20X (Optional) | 40X | 60X | N.A. | 0.1 | 0.25 | 0.45 | 0.65 | 0.8 | W. D. (mm) | 15.9 | 17.4 | 0.9 | 0.5 | 0.35 |
| Strain-free EC Plan | 4X | 10X | 20X (Optional) | 40X | 60X | | | | | | | | | | | | | | |
| N.A. | 0.1 | 0.25 | 0.45 | 0.65 | 0.8 | | | | | | | | | | | | | | |
| W. D. (mm) | 15.9 | 17.4 | 0.9 | 0.5 | 0.35 | | | | | | | | | | | | | | |
| Stage | 360° rotatable stage | | | | | | | | | | | | | | | | | | |
| Condenser | Achromat swing-out condenser N.A. 0.90/0.13 (strain-free) with iris diaphragm | | | | | | | | | | | | | | | | | | |
| Polarizer | Rotatable polarizer, fixed on condenser carrier | | | | | | | | | | | | | | | | | | |
| Focusing Block | Coarse focus with torque adjustment Fine focus with 2µm minimum increments | | | | | | | | | | | | | | | | | | |
| Illumination | Koehler illumination quartz halogen 6V/30W with intensity control | | | | | | | | | | | | | | | | | | |
| Accessories | Quartz wedge, λ and 1/4λ retardation plates Polarizing mechanical stage C-mount camera adapters: 0.5X, 0.65X, 1X Photo adapter, 2.5X photo eyepiece, 4X photo eyepiece | | | | | | | | | | | | | | | | | | |

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Design Change :

The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.



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