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## MP20 Simple Polarizing microscope



MP20 Polarizing Microscope is a kind of essential instrument for studying and identifying the materials with double refraction characteristics, by using polarizing feature. This microscope is widely used in many fields, such as observation of crystalline inclusions, muscle tissue, nerve tissue, plant fiber and other structural details of the teeth, bone, and living cells, as well as analysis of drug composition and properties. Furthermore, in the field of inorganic chemistry, the fine structure of crystallization conditions of various kinds of salts which cannot be seen in natural light can be observation through polarizing microscope.

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| <b>Model</b>      | <b>MP20</b>   |
| Eyepiece          | Wide field WF10X( $\Phi$ 18mm)  |
| Objective         | Achromatic objective 4X/0.10  |
|                   | Achromatic objective 10X/0.25   |
|                   | Achromatic objective 40X/0.65 (Spring)  |
|                   | Achromatic objective 100X/1.25(Spring, oil)   |
| Observation tube  | Binocular, inclined 30°   |
| Analyzer          | Sliding   |
| Focus system      | Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum graduation in fine movement is 2 $\mu$ m |
| Nosepiece         | Quadruple (Backward ball bearing inner locating)  |
| Stage             | Rotatable stage (Diameter: $\Phi$ 120mm)  |
| Abbe condenser    | NA.1.25 Rack & pinion vertical adjustable   |
| Filter            | Blue filter   |
|                   | Frosted glass   |
| Polarizer         | 360° rotatable  |
| Illumination unit | 6V 20w, halogen bulb, brightness adjustable   |