

The BX-POL simple polarizing attachment consists of an Analyzer (U-ANT) and Polarizer (U-POT). Setting analyzer in the slot of dummy slider of U-D6RE revolving nosepiece and polarizer in the filter receptacle on the microscope frame, the observer can obtain clear image of a specimen with polarizing characteristics.

1 Nomenclature

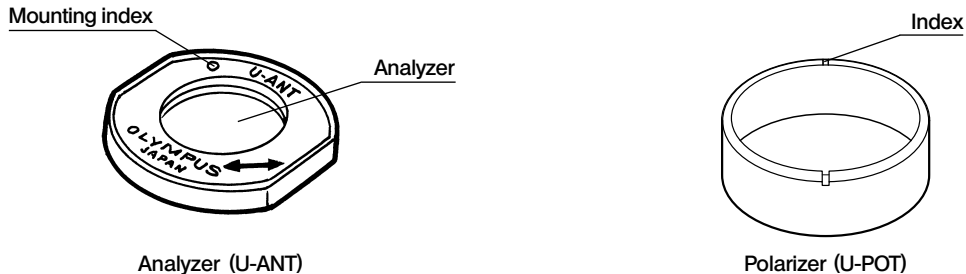


Fig. 1



2 Installation

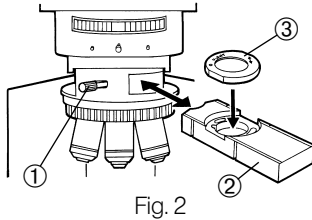


Fig. 2

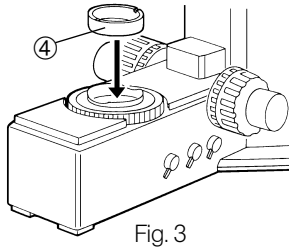


Fig. 3

1. Loosen slider clamping screw ① and remove the dummy slider ②.
2. Holding the Analyzer (U-ANT) ③ with the marked side up, align the groove with that on the dummy slider and drop it into the mounting slot on the slider. (Magnet holds the analyzer in place). (Fig. 2)
3. Set the slider into the slot in the nosepiece and tighten the clamping screw.
4. Place the polarizer ④ on the filter receptacle on the microscope frame. (Fig. 3)

Note: The index (white line) engraved on the polarizer is positioned is crossed to the polarizer vibration direction.

★ The condensers that can be used for simple polarizing observation are the U-SC (with the top lens out of the light path) and CH3-CDP only.

3 Operation

1. Rotate the revolving nosepiece to swing in objective lens in use.
2. While looking through the eyepieces, rotate the polarizer to the position where the field of view is the darkest (crossed Nicol position).
3. Place a specimen on the stage and start observation.
 - ★ Adjust the field iris diaphragm until circumscribes the field of view.
 - ★ Contrast may increase as adjusting aperture iris diaphragm appropriately.

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