



3012 Microscope Series

Installation Supplement Polarizer & Analyzer Kit

IMPORTANT: Install the polarizer/holder and analyzer before assembling your microscope.



Condenser Polarizer/holder Analyzer

Components

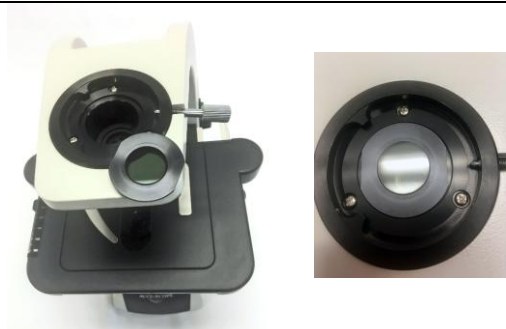
NOTE: For illustration purposes, the condenser is shown (at left) uninstalled in the microscope. Your microscope is shipped with the condenser installed. With care, you should be able to install the polarizer/holder without removing the condenser from the microscope.



Installation

The polarizer is pre-mounted in a cup-shaped holder.

To install the polarizer/holder: notice the two spring arms that secure it in place. When installing the polarizer/holder, these spring arms should be slightly compressed to ease insertion. Insert the polarizer/holder into the opening at the bottom of the microscope's condenser housing as shown left.



The analyzer is installed in the opening on the top of the Model 3012 frame **before installing the viewing head** as shown left.

To install the analyzer: Carefully place the analyzer inside the opening as shown right. Then follow the instructions in your user manual to mount the viewing head.

SEE "Using the Polarizer/Analyzer" on other side.

Using the Polarizer/Analyzer After Installation

1. Make certain the condenser is adjusted to the upper limit of its travel.
2. Using the 10x objective, focus on a specimen.
3. Rotate the polarizer (in the condenser) for maximum extinction (lowest light intensity).
4. The polarizer may now be rotated if a different degree of "crossed polars" is desired.