

Optomechanix

Zeiss Microscopes:
Axioplan II
Axiocvert 100
Axiocvert 25
CCD Cameras

Used Inventory

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Zeiss Axiovert 100

Excellent mechanical condition, refurbished XYZ stages, and nosepiece turret for smooth operation. Camera sold separately. Zeiss Axiovert S100 Inverted Microscope is equipped for brightfield, phase contrast, and fluorescence microscopy.

Zeiss Axiovert S100 includes:

Illumination: HAL 100 100W halogen/Zeiss HBO Mercury lamp source, Power supply is optional.

Condenser: Phase contrast turret condenser (positions: H / PH0, PH1, PH2, PH3, NA 0.3)

Binocular head, and eyepieces: Trinocular head with Carl Zeiss widefield 10x/22 eyepieces (E-PL) Fluorescence cube slider with multiple filters. Perfect for cell culture, live-cell imaging, and fluorescence applications.



Zeiss Axioplan II

Zeiss Axioplan with DIC, Phase Contrast, Darkfield and Fluorescence Axioplan 2 fully loaded with five Plan-Fluar objectives 2.5x, 10x, 20x PH2, 40X Ph2, 100X oil, and one super bright Zeiss objective: The 10X Fluar to capture extremely dim fluorescence images (Its brightness is like f/1.4 compared to a f/3.5 aperture in photographic lenses). There are four Fluorescent beamsplitter cubes that covers most of the spectrum, Mercury lamp BHO with power supply, with remote control, and 100W Halogen lamp. Additional DIC filter, and KG-1 filter slider to protect fluorescent filters, and phase contrast condenser optics. The microscope will be shipped with the optics already installed, plastic wrapped to prevent dust entering the system.

Axioplan 2 has computer interface capability to control the focus, fluorescent filter cube turret, as well as filter wheels beneath the Abbe condenser. The objective turret can be programmed to memorize each objective, with their focus positions. This is useful when manually switching between magnifications. It takes some training to master using this microscope.

Zeiss Axioplan stand w/ DIC Nosepiece XY Stage Trinocular Head (2) PL 10x / 25 eyepieces 2.5x 0.075 Plan Neofluar Objective 10X 0.30 Plan Neofluar Objective 10X 0.50 Fluar Objective 20x 0.50 Plan Neofluar objective 40x 0.65 Achromat Ph2 Phase Contrast objective 100x 1.30 Oil Plan Neofluar objective DIC Prism Plan Neofluar 40x 0.75 0.9 Zeiss swing top condenser with Ph1, Ph2, Ph3 Phase annuli, Darkfield, DIC Lower swing out rotating polarizer 50w HBO Power Supply 50w HBO Lamp House 3FL cubes with 3 Filter Sets

All Zeiss Components (except CMOS Camera), in spite of its great condition, this microscope has been completely refurbished. All inner optics, illumination, and electronics are dust free, all smooth stage, and focusing mechanism complete CLA.

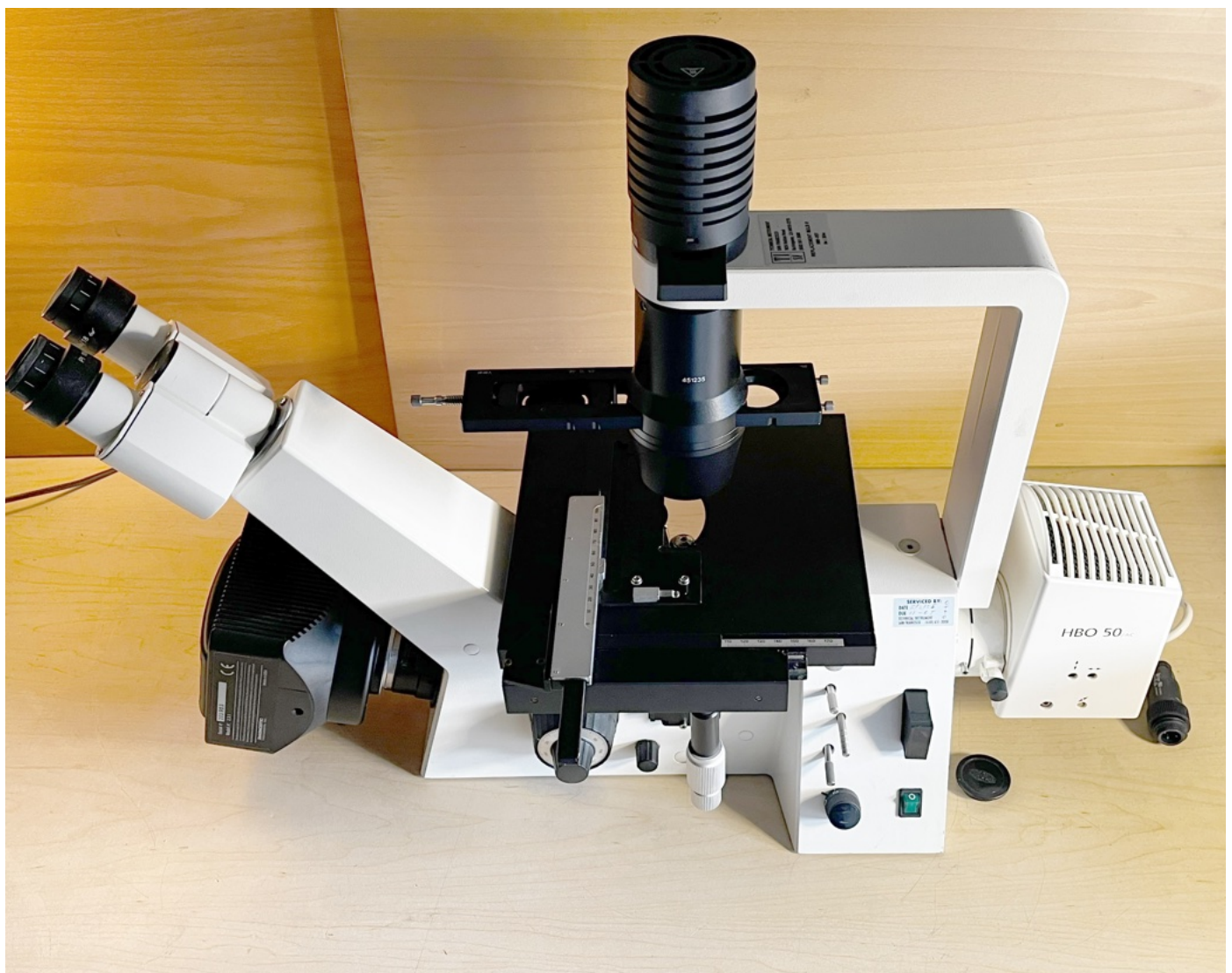


Zeiss Axiovert 25

Zeiss Axiovert 25 Inverted fluorescent microscope with clean optics, motorized focus, imaging camera, large sample platform, plus two fluorescent cubes. The camera, and DC motorized focus has missing drivers/power supplies. The upper Halogen lamp works perfectly with internal power supply, and adjustable illumination.

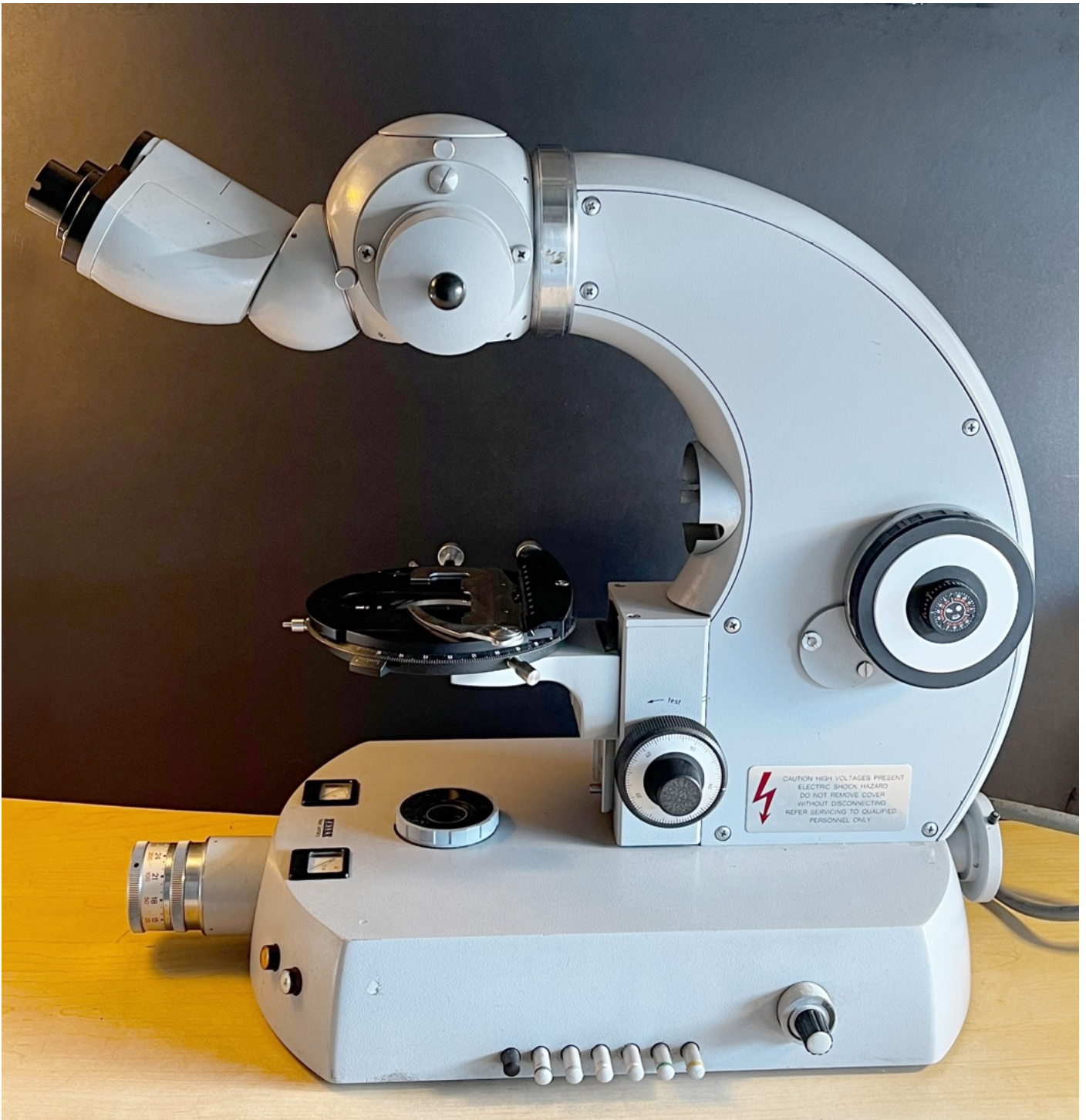
The motorized stage is a DC motor driven by 12V power to move it in up/down direction, although it functions perfectly in its present manual mode. To see the detail of camera it is listed separately, takes a special capture board to function. It works with reducing magnification optics that is detachable and can be sold off to replace with the camera of your choice.

The mechanics of this microscope such as the focus, and turret have been completely refurbished, and relubed, and optics has been cleaned to bring it to a good quality, usable microscope. This microscope is in great condition compared to most Axio 25's. The motorized turret, and focusing stages are related for smooth operation. Comes with only the upper lamp.



Zeiss Universal

Carl Zeiss Universal Research Microscope in great condition, with arc lamp, binocular head, x-y stage, and 35 mm film cartridge. This is the photographic version of the Universal microscope filled with optics in its column with built-in exposure meter, image capture on 35 mm film, and exposure control shutter. The front dial, and meter needles are to adjust the ASA, and exposure. This is a rare microscope in pristine condition. The arc lamp needs a light bulb, and power supply.



Zeiss camera

For axioplan/Axiovert Microscopes. Includes cabling, and power supply.



Diagnostic camera

Attached to Zeiss 25 with video tube. We have not much information about this camera.

