



**Diatom Lab's Zeiss Axio Imager.A2 research microscope
for Transmitted and Reflected light,
with original
Zeiss Axio Imager.A2 parts and accessories**



Condensers:

Achromatic-aplanatic condenser 1.4 H D Ph DIC (containing: condenser module DIC II/1.4 with polarizer; condenser module DIC III/1.4 with polarizer; phase rings)

Achromatic-aplanatic universal condenser 0.9 H D Ph DIC (containing: condenser module DIC I/0.9 with polarizer; condenser module DIC II/0.9 with polarizer; condenser module DIC III/0.9 with polarizer; phase rings)

Achromatic-aplanatic universal condenser 0.9 H/0.8-0.9 DF with Large-field slider for 2.5x-5x and Darkfield attachment 1.2-1.4 Oil

Ultra condenser 1.2/1.4 with condenser holder Z

Dry darkfield condenser 0.8/0.95 with condenser holder Z

Oil immersion Objectives (in order of numerical aperture):

Zeiss Plan-Apochromat 63x/1.4 Oil DIC ∞ /0.17 M27

Zeiss Plan-Apochromat 63x/1.4 Oil Ph3 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 100x/1.3 Oil Ph3 ∞ /0.17 M27

Zeiss Plan-Neofluar 63x/1.25 Oil Iris ∞ /0.17 M27

Zeiss Plan-Apochromat 40x/1.0 Oil Iris ∞ /0.17 M27

Dry objectives (in order of numerical aperture):

Zeiss Plan-Apochromat 40x/0.95 Korr ∞ /0.13-0.21 M27

Zeiss Plan-Apochromat 20x/0.8 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 40x/0.75 Ph2 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 20x/0.5 Ph 2 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 10x/0.3 Ph1 ∞ / - M27

Zeiss EC Plan-Neofluar 5x/0.16 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 2.5x/0.085 ∞ /0.17 M27

Zeiss EC Plan-Neofluar 1x/0.025 ∞ / - M27

Objectives for Reflected Light (in order of numerical aperture):

Zeiss Epiplan-Neofluar 100x/0.90 HD ∞ / 0 M27

EC Epiplan-Neofluar 50x/0.80 HD DIC M27

Zeiss Epiplan-Neofluar 20x/0.50 HD ∞ / 0 M27

Zeiss Epiplan-Neofluar 10x/0.30 HD DIC ∞ / 0 M27

Zeiss EC Epiplan 10x/0.2 HD ∞ / 0 M27

Zeiss Epiplan-Neofluar 5x/0.15 HD DIC ∞ / 0 M27

DIC Sliders:

PA 63x/1.4 III

EC PN + F 40x/1.3 III, PA 40x/0.95 III

EC PN 10x/0.30 I, 20x/0.50 II, PA 20x/0.80 II

EC PN 40x/0.75 II, 100x/1.30 III

Illumination:

2 x HAL 100 halogen illuminator with collector

Illumination Unit VIS-LED

Switching mirror for 2 illuminators

Electronic Flash Canon Speedlite 600EX-RT

Documentation:

Binocular phototube 30°/25 (100:0/30:70/0:100), reversed image

Camera adapter T2-T2 SLR 2.5x

Adapter 60N-T2 1.0x

Full frame camera Canon EOS 5D Mark III

Eyepieces:

E-PL 10x/25 Br. foc.

PL 10x/23 Br. foc.

Auxilliary microscope, d=30 mm

Reflector turret:

6-position reflector turret man. cod. for P&C modules

Analyzer module DIC ACR P&C for transmitted light

Analyzer module Pol ACR P&C for transmitted light

Reflector module brightfield ACR P&C for reflected light

Reflector module DIC/Pol ACR P&C for reflected light

Reflector module darkfield ACR P&C for reflected light

Optovar 1.25x P&C

Optovar 1.6x P&C

Optovar 2.5x P&C

Objective nosepiece:

6-position objective nosepiece, HD DIC M27

Stand:

Compensator mount 6X20 for transmitted light

Compensator mount 6X20 with darkfield stop

Double filter wheel, discrete, with neutral-density filter set with 2x4 positions, for Transmitted light

Double filter wheel, discrete, with neutral-density filter set with 2x4 positions, for Reflected light

Stop slider with centerable aperture stop, for Reflected light

Stop slider with centerable luminous-field diaphragm, for Reflected light

Analyzer slider D/A, fixed

Stage carrier, detachable with condenser carrier

Microscope stage:

Mechanical stage 75x50 R 120 mm with hardcoat anodized surface

Polarized Light Microscopy, polarizers and sliders:

Polarizer rotatable with color filter carrier

Analyzer slider D/A fixed

Compensator Lambda, 6x20

Compensator Lambda/4, 6x20

Color filters:

White-balance filter

Interference green filter