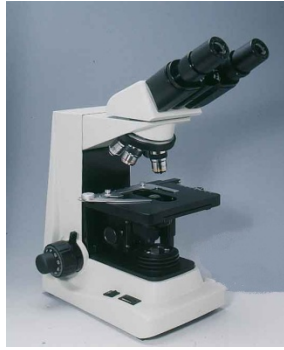


#140 Laboratory Microscopes – Semen Analysis



#140 Our Advanced Microscope is equipped with Color Corrected Plan Optical System (CCPS) to satisfy the laboratory professional. CCPS has corrected chromatic aberration on the traditional optical system, providing a significant development in optical performance and reliability. It is the first choice of professionals.

Features:

- Pair of high eye-point PL10X eyepieces with eye caps
- 30° inclined head rotatable 360°
- 132mm X 140mm graduated mechanical stage, 76mm x 50mm range of traverse
- 4 Plan achromatic objectives, 4X (N.A. 0.10), 10X (N.A. 0.25), 40XR (N.A. 0.65) and 100XR oil (N.A.1.25)
- Swing out N.A. 1.2/0.22 achromatic condenser
- Built in Koehler illuminator systems
- Coaxial coarse and fine focusing tension control knobs
- Variable intensity halogen illuminator, 6V 20W wide range voltage transformer applied to use in 90V~240V outlets for international market
- Focusing, stage and light intensity knobs at your fingertips to minimize fatigue.
- Replacement bulb, fuse and immersion oil
- Size: 8" X 13" X 15" (H)

Replacement lamp: MA07

Shipping weight: 15 lbs.

Optional Upgrade:

- PL15X or PL 20 high eye-point eyepiece
- Turret phase contrast set

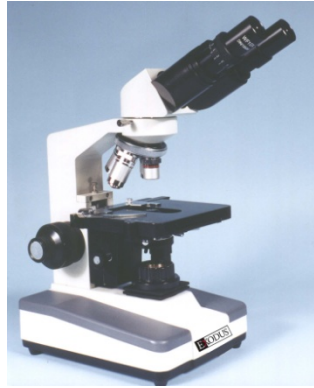
PL10X eyepiece compared with WF10X eyepiece:

- You don't need to take off your glasses to view with PL10X
- Greater wide field image: PL10X, Ø22mm; WF10X, Ø20mm
- Clearer: PL10 of lens distortion is 4%. Regular WF10X is 5.5%

Why a swing-out condenser?

The best aperture for lower power objectives (4X & 10X) is 0.22 and the best aperture for 40X and 100X is 1.20. Swing-out condenser is designed to fill both needs.

#141 Laboratory Microscopes – Semen Analysis



#141 Our Basic Microscope incorporates all the best features of a quality laboratory instrument. The objectives face backwards for more space and the base has a comfortable plastic plating over the metal for less heat conduction. The field diaphragm adjustment built into the illuminator offers Koehler illumination for more lighting control options.

Features:

- 45° inclined binocular Seidentopf head, rotatable 360°
- Interpupillary distance adjustment 55-75mm
- Pair of 10X widefield eyepieces
- 4 DIN Achromatic parfocal and parcentered objectives: 4X (N.A. 0.10), 10X (N.A. 0.25), 40X (N.A. 0.65) 100X (oil immersion, N.A. 1.25)
- Magnifications: 40X to 1000X
- Focusing stop to prevent objectives and slides from damage
- 140mm x 135mm graduated mechanical stage (range of travel 45 x 80mm) with coaxial drive and comfortable low knob position
- Spring loaded slide holder
- Abbe condenser NA 1.25 with rack and pinion adjustment
- Iris diaphragm with blue filter
- Field diaphragm
- Coaxial coarse and fine focusing tension controls
- Variable intensity halogen illuminator, 6V 20W
- Replacement bulb and fuse, Immersion oil
- Size: 7" x 9" x 15" H, N.W.: 13 3/4 lbs.

Replacement bulb: MA07

Shipping weight: 18 lbs.

Optional upgrade:

Plan Achromatic objectives set

Phase Contrast set

Dark Field Condenser

#142 Stereo Microscopes – Embryo & Microbiological Analysis



#142 Our Advanced Stereo Zoom Microscope Once the specimen is brought into focus, you can change the magnification to suit your needs without refocusing. The SMZ is versatile enough for educational, industrial, or medical use in agriculture, geology, archeology or biology fields.

Features:

- 3D System is infinitely variable
- 10X Widefield Eyepieces with rubber eyeguards
- Binocular observation tubes, inclined 45°
- Head rotatable 360°
- Interpupillary distance adjustable 55mm to 77mm
- Horizontal zoom controls at each side of head
- 1X to 4X objectives, total magnification 10X to 40X
- Field of view ranges from 23mm to 5.5mm diameter
- 85 mm working distance
- 20W Halogen transmitted illuminator under 75 mm frosted glass stage plate
- 20W Halogen incident (top) illumination
- 3 way power switch allows incident lighting, transmitted lighting or both, UL approved
- Dust cover and instruction manual
- Overall size: 6 3/4" x 9 1/2" x 18" H,
N.W.: 13 1/4 Ibs.

Replacment Lamps : MA07

Shipping Weight: 17 Ibs

#143 Stereo Microscopes – Embryo & Microbiological Analysis



#143 Our Basic Stereo Microscope offers built in turret objectives that make it convenient to change magnification. Head can be raised or lowered on post to accommodate various sized specimens. Versatile illumination system offers incident (top) lighting or transmitted (bottom) lighting through the frosted glass stage plate. Precision optics provide a wide field of view with good depth and high resolution. Now offering two models with choices of magnification to fill any needs.

Popular 1X/3X Turret objective with dual illumination mounted on stand with arm.

- Stand with 45° inclined binocular stereo head, 360° rotatable
- Pair of 10X widefield eyepieces with rubber eyeguards
- Dual focusing knobs, rack & pinion mechanism
- Incident (top) & transmitted (lower) 10W halogen illuminator
- Frosted glass stage plate 95mm diameter with clips
- Additional black & white contrast stage plate
- 4 way switch allows top light, bottom light, both or off
- Vinyl Dust cover, spare bulb
- Size: 4½" x 7½" x 12" H, N.W.: 7 lbs.

Replacement lamp: MA69 (top & bottom)

Shipping Weight: 7 lbs.

Case Quantity: 6, Weight: 41 lbs