

Recommended Microscope Information

Choose your own make and model, as long as it conforms to these minimum specifications:

Total magnification: 40X-100X-400X

Eyepieces: wide field WF10X

Objective: achromatic DIN 4X, 10X, 40X(S)

Viewing head: 45 degree inclined, 360 degree swiveling trinocular

Sliding adjustable inter-pupillary distance: 2-3/16inch ~ 2-15/16 inch (55mm ~ 75mm)

Ocular diopter: adjustable on one or both eye-tubes

Nosepiece: revolving quadruple

Stage: mechanical double layer size: 4-1/2 inch 4-15/16inch (115mm x 125mm)

Stage x-y stroke (travel range): 2-13/16inch x 1-3/16inch (70mm x 30mm)

Condenser and diaphragm: NA1.25 Abbe condenser with iris diaphragm

Transmitted (lower) illuminator: LED light, intensity adjustable

Focus adjustment: Coaxial coarse and fine knobs on both sides

All metal mechanical components

Power supply: AC/DC adapter, 100V-240V (UL approved)

5-year warranty against manufacturing defects

OMAX 40X-2000X Trinocular Biological Compound Microscope with Replaceable LED Light

At amazon.com:

https://www.amazon.com/OMAX-Trinocular-Biological-Microscope-Replaceable/dp/B00FG8B5DW/ref=sr_1_1?keywords=OMAX+40X-2000X+TRINOCULAR+BIOLOGICAL+COMPOUND+MICROSCOPE+WITH+REPLACEABLE+LED+LIGHT&qid=1567637259&s=gateway&sr=8-1

At omaxmicroscope.com:

<http://omaxmicroscope.com/compound-microscopes/general-trinocular/40x-2000x-trinocular-biological-compound-microscope-with-replaceable-led-light.html>



Camera Options

1. Dedicated microscope camera purchased with the microscope.
2. Cell phone with camera + cell phone adapter mount (see 4. below), USB Cable for cell phone connection to computer, computer app that mirrors the cell phone screen to the computer's screen. For an iPhone/Mac combination, use the QuickTime Player and select the iPhone as the camera when viewing/recording.

Microscope Supplies

(Click the blue links for examples.)

1. [Optical Lens Cleaner](#) – Works for all lenses of microscopes - objectives, eyepieces, etc.
2. [Slides](#) – Size: 1" x 3" x 0.04" (25.4x76.2x1mm)
3. [Coverslips](#) – 18mmx18mm Square Microscope Glass Cover Slides
4. [Universal Cell Phone Mount](#) – Gosky Universal Cell Phone Adapter Mount-mounts to eyepiece or camera tube (if using a cell phone as the camera option)
5. [Transfer Pipettes](#) – Karter Scientific 206H2 - 3ml Graduated Transfer Pipettes, Vol 7ml, 1/2ml Graduations, 155mm
6. [Digital Pocket Scale](#) – Digital Scale with a capacity of 100 g \pm 0.01 g (optional, for calibrating pipettes)
7. [Test tubes](#) – Size: 15ml, Conical bottom, Plastic, with screw top Lid, 1ml graduations
8. [Lab Scoop](#) – Stainless Steel Scoop for easily transferring samples to test tubes