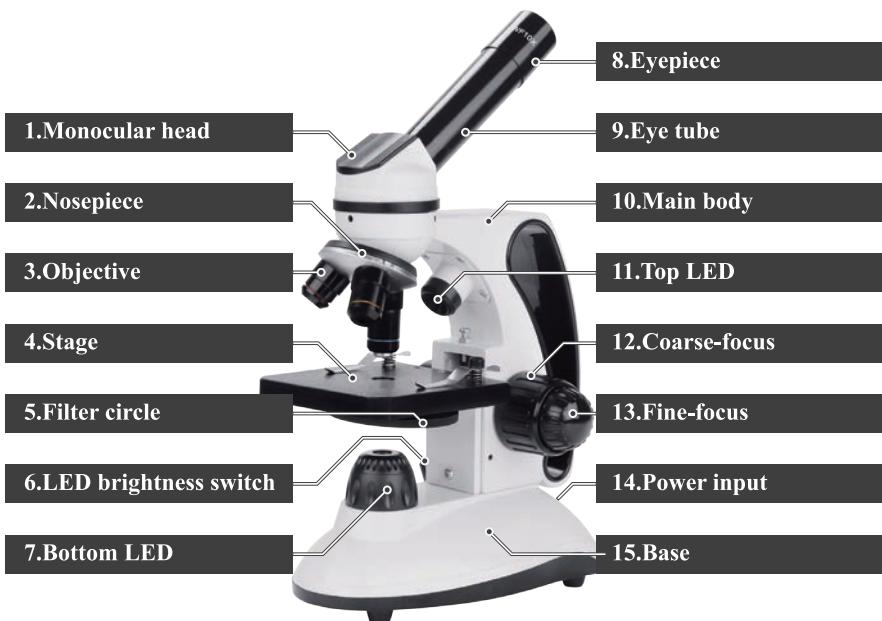


INFORMATION & INSTRUCTIONS

BIOLOGICAL MICROSCOPE

STRUCTURE



STRUCTURE

This microscope is designed for research, instruction and experiments in schools.

SPECIFICATIONS

1. Eyepiece:

Type	Magnification	Vision field's Distance
WF	25X	9mm
WF	10X	20mm

2. Abbe condenser(N.A.0.65), variable disc diaphragm.
3. Coaxial focus adjustment, and rack&pinion with built in.
4. Objective:

Type	Magnification	N.A	Working Distance
Achromatic Objective	4X	0.1	33.3mm
	10X	0.25	6.19mm
	40X	0.65	0.55mm

5. Illumination:

Selective Part	Lamp	Power
	Incandescent Lamp	220V/110V
	LED	Charger or battery

SPECIFICATIONS

1. Remove microscope stand from Styrofoam packing and place it on a stable work table. Remove all plastic bag sandpaper covering (these can be discarded).
2. Remove the head from the Styrofoam, remove packing materials and fit it on to the neck of the microscope stand, tightening the screw clamp as necessary to hold the head in place.
3. Remove the plastic eyepiece tube covers from head and insert the WF25X/10X Eyepiece.
4. Connect cord to power supply and your microscope is ready for use.

OPERATION

1. Insert 3 AA batteries (Not Included) or insert AC adapter. But don't use both at the same time. (Do not use the AC adapter with AA batteries.) Turn on the light switch.
2. Make sure the 4X objective is in position for use. This will make it easier to put your slide in place as well as to position the item you wish to look at. (You start at low magnification and work up.) Put a slide on the stage and clamp it carefully with the movable spring clip.
3. Turn the focusing knob until a clear image is obtained. When the desired view is obtained under the lowest power(4X), rotate the nosepiece to the next higher magnification(10X). The nosepiece should "click" into position. Adjust the focusing knob as needed to once again have a clear view of the specimen.
4. Turn the adjustment knob again, observing the image of the specimen through the eyepiece. First you need to find the object image with the coarse adjustment, then adjust the object image to the clearest with the fine adjustment.

5. The disc diaphragm below the stage to control the amount of light directed through the condenser. Try experimenting with various settings to get the most effective view of your specimen.

MAINTENANCE

1. The microscope should be kept out of direct sunlight and stored in a cool, dry place, free from dust, fumes and moisture. It should be stored in a case or anyplace covered with a hood to protect it from dust.
2. The microscope has been carefully tested and inspected. Since all lenses have been carefully aligned, they should not be disassembled. If any dust has settled on the lenses, blow it off with an air blower or wipe off with a clean soft camel hairbrush. In cleaning mechanical parts and applying non-corrosive lubricant, take special care not to touch the optical elements, especially the objective lenses.
3. When disassembling the microscope for storage, always put the cover son the nosepiece opening to prevent dust settling inside the lenses. Also keep the neck of the head covered.

CAUTION

1. Do not use the attached AC adapter with the battery. This will be the cause of failure. Before inserting the battery, unplug the AC adapter. Please remove the battery before plugging in the power adapter.
2. When raising the stage, be sure to look at the objective lens from the side to prevent the objective lens from touching the cover glass and damaging the slide specimen and objective lens.
3. When observing a fresh specimen, be sure to cover the cover glass, and suck off the excess water or solution on the glass slide.
4. Do not spray liquid on the microscope.
5. Do not disassemble the microscope, otherwise there is a danger of electric shock, please contact a professional service representative.
6. Do not touch the lens with bare hands, as it may leave traces of dust forever.
7. To avoid electric leakage, do not use it in extremely cold or humid places.
8. Do not directly touch water or other liquids, because it is not waterproof.
9. If the liquid comes into contact with the microscope, please unplug the power plug first, and then contact a professional service representative. Does not include self-repair parts.
10. Do not touch the power supply with wet hands.
11. Follow the instructions in the instruction manual to use the microscope. After use, wipe all dust on the microscope body with a soft cloth.
12. It is recommended to place the microscope in a horizontal position.