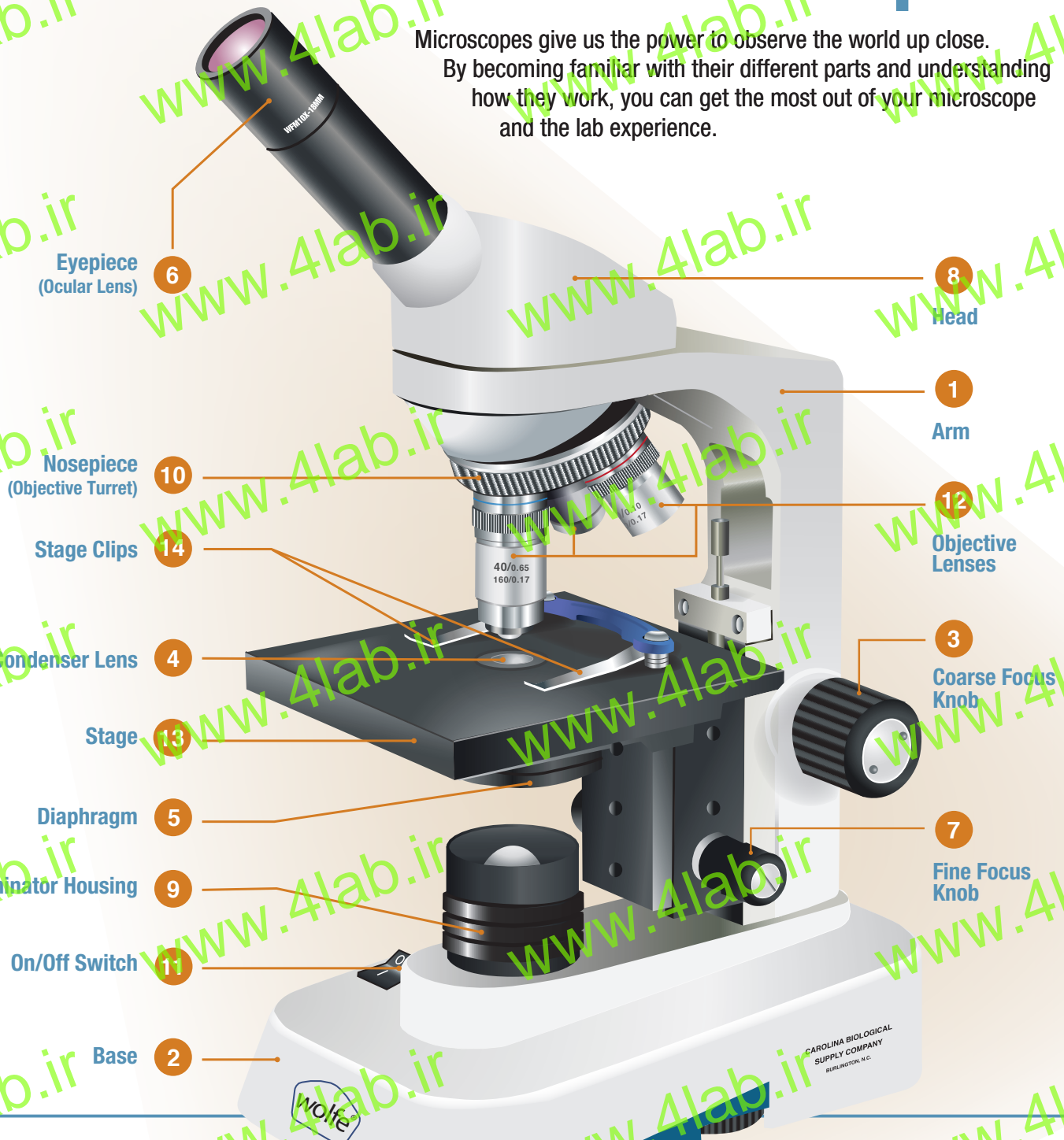


Get to Know Your Microscope

Microscopes give us the power to observe the world up close. By becoming familiar with their different parts and understanding how they work, you can get the most out of your microscope and the lab experience.



1. Arm

Supports the stage and contains the focus adjustment knobs.

2. Base

Platform that supports the instrument.

3. Coarse Focus Knob

Used to bring a specimen into general focus.

4. Condenser Lens

A lens or lens system that focuses light on a specimen.

5. Diaphragm

Controls the amount of light focused on a specimen.

6. Eyepiece (Ocular Lens)

The lens you look through, often with 10x magnification.

7. Fine Focus Knob

Used for precise focus adjustments.

8. Head

Contains the eyepiece and the refracting prisms that redirect light from the specimen through the eyepiece.

9. Illuminator Housing

Location of the light source.

10. Nosepiece (Objective Turret)

Holds the objective lens and rotates to change the magnification used for viewing.

11. On/Off Switch

Turns light source on and off.

12. Objective Lenses

Lenses attached to the nose-piece that, with the ocular lens, magnify a specimen.

13. Stage

Surface for viewing a slide.

14. Stage Clips

Flexible clips that hold a slide in place.

Name the Parts of Your Microscope



- _____ 6
- _____ 8
- _____ 1
- _____ 10
- _____ 12
- _____ 14
- _____ 4
- _____ 3
- _____ 13
- _____ 5
- _____ 9
- _____ 11
- _____ 2
- _____ 7

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