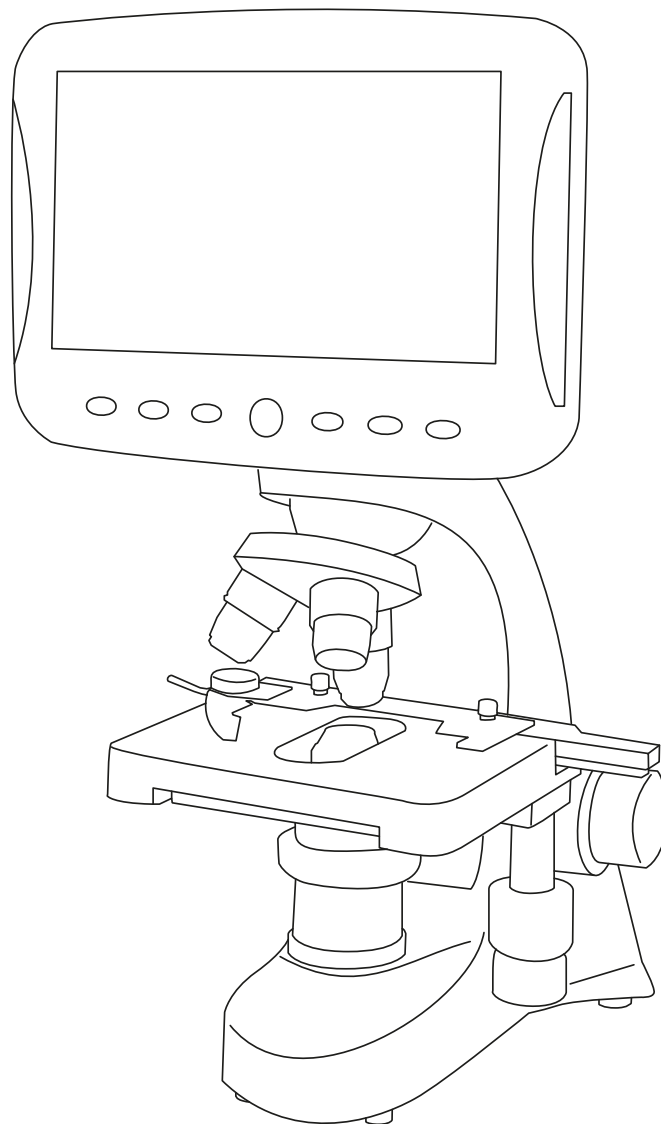


**omegon<sup>®</sup>**

**MICROSCOPE  
LCDStar 200x-800x LED**



**INSTRUCTION MANUAL**

# LCDStar

## Instruction Manual

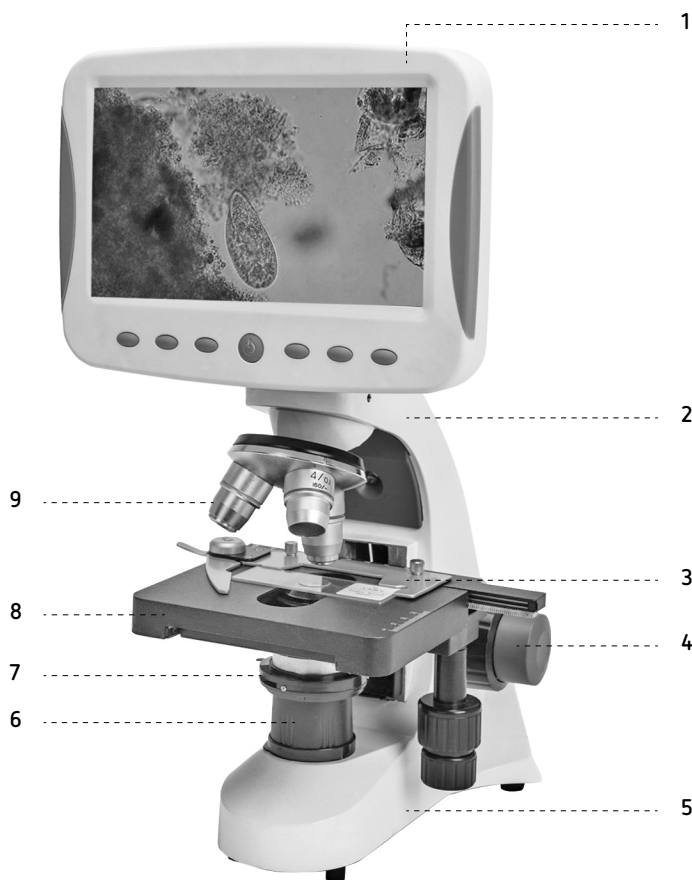


Figure 1. Parts description.

### What's included

Binoculars;  
Objective caps;  
Eyepiece caps (2x);  
Strap;  
Bag;  
Cleaning tissue.

### Parts description.

1 - Display;  
2 - Mirror wall;  
3 - Moving ruler;  
4 - Coarse and fine focus;  
5 - Mobile stage;  
6 - Base;  
7 - LED light;  
8 - Condenser;  
9 - Double deck.

### Instructions

1. Load the objective lens into the converter. In the four holes in the hole, the total magnification of the objective lens with different rotation multiples will be different, from low to high. Then the specimen is placed on the platform and positioned in the middle of the platform on the small light transmission hole in the middle of the platform.

2. Plug in the power supply and slowly debug the light from dark to bright. After operation, please turn the light to the darkest and then turn off the power supply.

3. When observing the specimen, first use the low multiplier objective lens, put the specimen in the middle position, and then use a higher multiple objective lens. Please fine—tune to get a clear image. When using 100X (spring, oil) objective lens, fill the front of the objective lens with pine and cypress oil (no bubbles) between the front of the objective lens and the surface of the specimen. After operation, please clean it up with xylene immediately.

4. In order to get a clear image, please adjust the lighting. When selecting different objective lenses, adjust the variable light bar of the condenser and the brightness of the different lights.

5. When the light bulb needs to be replaced, please turn off the power supply and wait for the lamp to cool before replacing it.

**Note:** the joint must be fastened and the filament center must be adjusted.

### Maintenance

The microscope you buy is a precision optical instrument that should be maintained at all times; follow the following maintenance recommendations and your microscope will enjoy lifelong exemption from repair.

1. After each use of the microscope, remove all specimens from the loading table, turn off the LED light source, and pull out the power adapter.

2. Store the microscope in a cool, dry and non-corrosive gas environment.

3. This microscope is designed with arc handle. When moving the microscope, please hold the "handle" of the microscope and move it.

4. Please use clean, slightly wet cloth to clean the outer surface of the microscope.

5. Do not use wool cloth or paper towels that are easy to cause scraping to clean the surface of optical devices.

6. Remove fingerprints from the surface of optical devices (glass) and use lens clearings available in photographic equipment stores.

Cleaning agent and lens paper to wipe, do not be circular wipe, otherwise it is easy to affect luster or cause scratches.

7. Do not privately disassemble microscopes and optical devices.

8. When using glass carrier, you should operate carefully to prevent being scratched by glass edge.

All pictures shown are for illustration purpose only.  
Actual product may vary.