Instruction Manual

Long Working Distance Stereo Microscope

Please read carefully before using the microscope

Contents:

1. Application

Widely used in the electronics industry, assembly and inspection of precision instruments, dissection and study of propagation. Also used in the fields of education, carving, geology, archeology, and more.

2. Main Data

1) Optical Data (mm)

a. Eyepiece: 10X
b. Field of View: 20mm
c. Objective: 0.8X
d. Working Distance: 110mm

2) Electrical data

Input Voltage: 220V 50Hz or 110V 60Hz

Illumination:

a. Natural light
b. Incident incandescent light of LED ring lamp (without transmitted illuminator)

3) Structural data

Upright binocular viewing head

Both ocular tubes with diopter adjustment ±5°

The interpupillary distance is between 54～76mm

3. Operation

1) Environment

Dry and dustless room, temperature between -5°C ～ +40°C

2) Power control

Input the power plug to the socket on microscope. Turning the dimmer can control brightness of incident light.

3) Usage of eye guards

The eye guards are packed with the microscope as an accessory. When using the microscope, please put them on the eyepieces.

4) Focusing, changing magnification, adjusting diopter & interpupillary distance

Place the specimen under the objective, putting the flexible metal tube on right working distance till you can see clearly image on right eyepiece. Then observe the left eyepiece, adjust the diopter if the image is not clear. Then turn around the left and right prism house until the interpupillary distance are suitable.

4. Maintenance and Storage

1) The microscope is a precision instrument. It should be placed carefully and avoid impact during transportation.

2) Put it in a dry and clean place, avoid high temperature and electrical shock.

3) Do not touch the lens directly.

4) Keep the optical surface clean. If dust gets on the surface, it can be cleaned with a blower or soft lens cloth.

5) Do not use organic materials to wipe the surface of microscope, especially the plastic surfaces of the microscope. Please clean with neutral detergent.

6) All the optical and mechanism part are adjusted. Please do not take it apart by yourself.

7) Add grease on moving parts regularly.

8) Put the microscope in a cool and dry place and cover it with dust cover when not in use.