

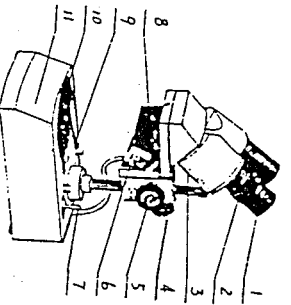
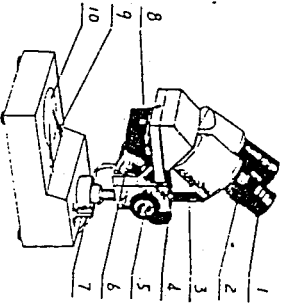
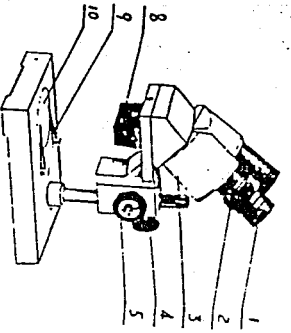
## STM Series Stereo Microscopes Operation Manual

**1. Description:**  
STM (A,B,C) series stereo microscopes are with fully coated excellent optical system, high resolution and crisp erect image. Widely used in electric factories, schools laboratories, sculpture and families, etc.

### **2. Technology Data:**

Power Supply:110V/60HZ or 220V/50HZ  
Illuminator: 12V 10VA-tungsten lamp  
Interpupillary Distance Adjustment:55mm-75mm  
Diopter Adjustment:±5dp  
Magnification:40X

- 3. Operation Description:**
- |                     |                                 |
|---------------------|---------------------------------|
| (1) WF10X Eyepiece  | (2) Eyepiece Diopter Adjustment |
| (3) Prism Housing   | (4) Fastening Knob              |
| (5) Focusing Knob   | (6) Transmitted Light           |
| (7) Power Switch    | (8) Inserted Objective          |
| (9) Stage Clips     | (10) Working Stage              |
| (11) Incident Light |                                 |



The room temperature for the microscope is between +5°C-+40°C

Set the microscope on a lever table.  
Place the specimen on the centre of the working stage(10).If need, keep the specimen under the stage clips(9).to fix the objective.  
Loosen the fastening knob(4) and move the head up or down until the specimen within the working distance, then tighten the fastening knob. Observe through the right eyepiece(1) and slowly dual operates the focusing knob(5) to get a clear image . Then observe the left eyepiece(1), if the image is not clear, you should adjust the diopter(2) to get a clear one. Rotating prism housing(3) to suit your interpupillary distance to obtain a crisp stereo image.

There are 1X. 2X. 3X. 4X inserted objective in supply.  
When using STM 30 insert the plug into the socket and put on the power switch(7). When using STM 40 you could put on the transmitted light(6) or the incident light(11) if need.

Notice: Shut off the power supply when replace the bulb.

Objective must within the working distance when using.  
Plug out the power switch when not in use.

Maintenance and repair:  
Put the microscope in a cool and dry place.  
Cover it with the plastic dust cover when not in use.Check up and regularly grease the movable parts .

All the optic are adjusted and could take apart by yourself. When the lens and other optical parts covered with dust you should wipe with volatile solvents or abrasive cleaners .Never wipe the surface of any optical with your hands.  
Delivery to a professional shop for repair when not in use.