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**MSZ BINOCULAR STEREO ZOOM  
MICROSCOPE**

**Magnüs**

**INSTRUCTIONS**

This instruction manual is for the MSZ Binocular Stereo Zoom Microscope and is used for installation, safety, obtaining optimum performance and familiarizing with the use of the microscope. It is recommended you should study this manual thoroughly before operating the microscope. Retain this instruction manual in an easily accessible place near the work desk for future reference.

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**IMPORTANT**

### **INSTALLATION**

Remove the microscope from the thermocole packing and place on a flat table.

### **CONNECTING THE POWER CORD:**

Plug the power cord into the socket, on the rear of the microscope.

### **MOUNTING THE HEAD:**

Loosen the head fixing screw and insert the head from the top and tighten the head fixing screw.

### **EYEPIECE INSERTION:**

- a) Remove the eyepiece cap.
- b) Insert eyepiece into the ocular tube and fix the eye guards.

### **INSERTION OF STAGE GLASS OR BLACK & WHITE PLATE:**

Insert the stage plate on the central hole of Base and set the stage clip on it.

### **MICROSCOPE OPERATION:**

- a) Set the objective at Max. magnification by rotating of magnification knob.
- b) Put the specimen on the stage plate.
- c) Focus the specimen using focus adjustment knob.
- d) Now decrease the magnification according to your need.

**IMPORTANT**

**IN - BUILT ILLUMINATION:**

For using the microscope, switch on the main supply, and also switch -1 with intensity control knob & switch - 2 on the right of the microscope as per requirement.


Switch - 1 For incident light source (Halogen)  
Switch - 2 For Transmitted light source (FL)

Incline the halogen bulb holder up and down to ensure that maximum light falls on the object specimen. Both the lights can be used, depending on nature of the object/requirement.

- c) Looking at the image through the right eyepiece on the specimen focus with coarse adjustment knob and adjust left diopter to ensure clarity of image in both the eyes.

 **Note:-** Adjust inter pupillary distance from 55mm to 75mm.

After its use, clean the microscope & cover the microscope with the dust cover provided.

 **Note:-** To tighten or loosen the coarse adjustment knob according the arrow indicated on the left coarse knob of microscope.

**ASSEMBLY**

**DIMENSIONS :**

Ergonomic design for ease of operation

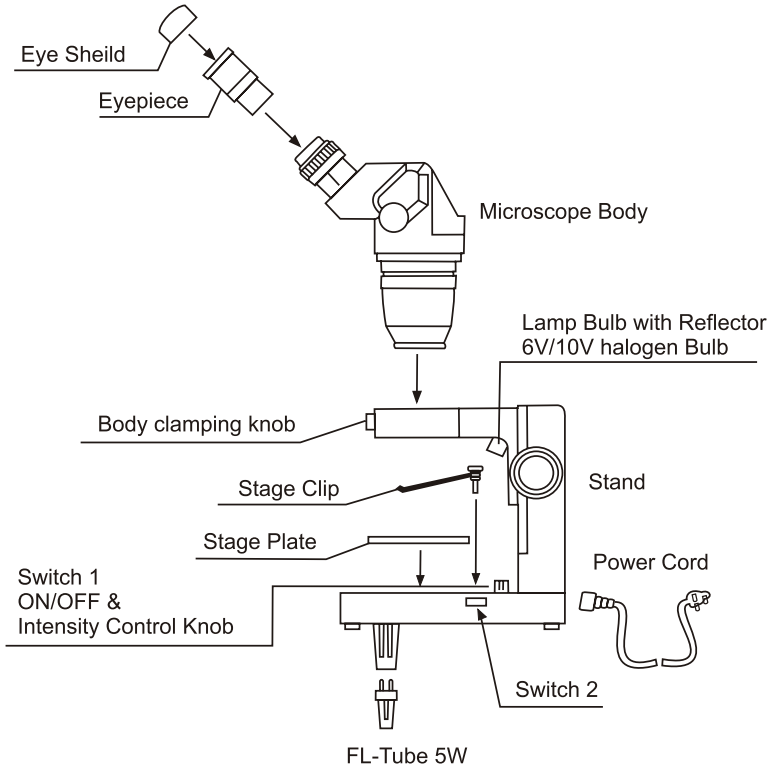
Length: 240mm

Breath: 190mm

Height: 400mm

Weight: 5.5 Kgs.

**Overall Assembly Diagram**



## **Magnus Analytics**

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