Dentalzone

Microscope specfication

Dental stereo microscope instructions

(This manual describes in detail the installation method of the dental microscope.
Instructions for use and maintenance and care, please read the instructions carefully before use.)

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A Cautions

A operation

(1)DO NOT exposed to sunlight .Should be placed in a dry, clean environment, avoid high temperatures and severe vibration.
(2)The microscope is a precision instrument and should be handled carefully to avoid shocks and collisions during transportation.
(3)DO NOT leave dirt or fingerprints on the surface of the lens, so as not to affect the clarity of the image.

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B maintenance

(1)All lenses should be kept clean. If there is any fine dust, blow it off with a blower or gently wipe off the cotton yarn. If there are traces of oil and fingers, use a small amount of cotton yarn with a 3:7 ratio of ethyl alcohol and ether to gently wipe off.
(2)Do not use organic solvents to wipe the surface of the microscope, especially the surface of plastics, and use neutral detergents for cleaning.
(3)Do not disassemble the microscope by yourself so as not to affect the performance of the microscope
(4)Do not touch dust, cover it with a dust cover, store it in a place away from moisture, so as not to rust or mold, when the microscope is not in use.
(5)To maintain the performance of the microscope, regular inspections are recommended.

B，Part names and Function

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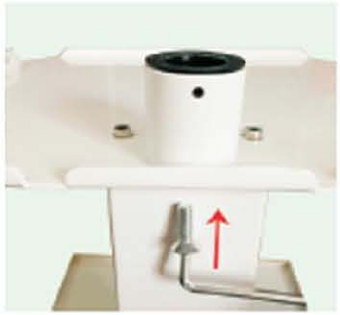
Parts Function diagram

Eyepieces, objectives, light source, fine focus, power supply box, 250° rotation, 360° rotation, 360° adjustment, power cord, 80cm, 33cm, 32cm, 38.5x33cm, 34x22cm,42x36cm

C ,Installation instruction

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Step 1:

Screw on the picture and tighten.



Step 2:

The elastic arm is inserted into the metal fixing ring.

Remember that there is a side with +/- adjustment of elasticity!

Then use the Allen screws to tighten as shown below.



Step 3:

Insert one end of the large port of the power box with robotic arm

The elastic arm is then tightened with the Allen screw.

C, Installation instruction



Step 4:

Insert the short metal arm and tighten it.



Step 5:

Put in the sleeve, set it to the end, tighten the screws, and remember to tighten.



Step 6:

Plug the power cord into the flashlight port



Step 7:

Insert the flashlight and screw down the small screws below.

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D, Installation method



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- The normal use of the instrument room temperature +5 ° - + 40 ° , the power cord is plugged into the power grid, power switch to "NO" position
- Home, irradiation light is on. Place the object under observation at the center of the objective lens, hold the robotic arm and move up and down.
- Micromirror, so that the observed object is at the working distance (about 230mm), then slowly turn the focusing handwheel,
- Makes the right eyepiece observe a clear object image; then observe the left eyepiece, if the object is not clear, adjust the viewing tube
- Circle, so that it can get a clear image, and then turn the left and right eyepiece tube, so that the two objectives of the exit distance and operation of the pupil
- The viewer's eyesight is appropriate, so that you can see a clear, three-dimensional image.

E,Configuration List



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- 1,Microscope section: eyepiece 10X (optional 20X), objective lens 1X.
- 2, the microscope arm bending: three angles can rotate arm angle.
- 3, Worktable: total height 80CM, upper disk 38.5CM*33CM, middle disk 34CM*22CM,Lower disk 42CM*36CM.

F, Applicable place

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- Stomatological hospital, dental clinic, beauty salon, pet hospital, ENT clinic, etc.





十倍的效果图（手机透过目镜拍的）

G,Technical Parameters

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Comprehensive rate	10X	20X
Model	TR-DOM01	TR-DOM01
Eyepieces	10X20mm	20X20mm
Objectives lens	1X	1X
Working distance	230mm	230mm
Light source	5W LED	5W LED

H, Trouble shooting

Question	Reason	Method
1、Double images do not coincide	Incorrect pupil distance adjustment	amend Pupil distance
	Incorrect vision adjustment	Re - adjust visibility
	Left and right eyepieces with different magnification	Install the same eyepiece
2、Dirty things in the field of view	Dirt on Specimen	Clean specimens
	Dirt on eyepiece surface	Clean eyepiece
3、Unclear image	Objective lens surface with dirt	Clean objective lens
4、Unclear zoom	Incorrect diopter adjustment	Re - adjust visibility
	Incorrect diopter adjustment	Re - adjust visibility
	Incorrect Focusing	Refocus
5、The microscope lens body descends to make the image clear	Arm bending elasticity is too weak	Increased flexibility
6、Eyes are easily fatigued	Incorrect diopter adjustment	Adjust diopters correctly
7、Light is off when switch is on	No power	Check the connection of the power cord
	Bulb not inserted	Insert correctly
	The light bulb doesn' work	Replace bulb
8、The bulb suddenly burnt out	Unspecified bulbs are used	Use the specified bulb
	Overtension	Control voltage

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