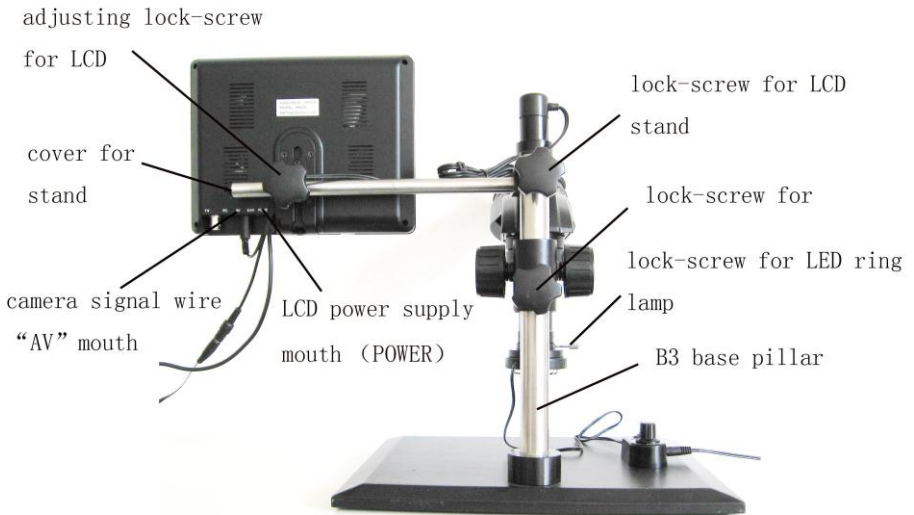


Face of monocular videl microscope **IND-C1Z**



Side face of monocular videl microscope **IND-C1Z**

Technical data **IND-C1Z**:

Obj	CCD eyepiece				eyepiece
	0.5X				
0.5 X	Optical magnification	5.9X~38.X	Visual magnification	3.5X~22.X	10X
	Field of video (mm)	Φ34.3~Φ5.3	Visual magnification	Φ51.4~Φ8	
	Working distance(mm)	198			
0.7 5X	Optical magnification	8.9X~57.X	Visual magnification	5.3X~33.8X	
	Field of video (mm)	Φ22.9~Φ3.6	Visual magnification	Φ34.2~Φ5.3	
	Working distance(mm)	131			
1X (Standard)	Optical magnification	11.9X~76.2X	Visual magn.	7X~45X	
	Field of video (mm)	Φ17.1~Φ2.7	Visual magn.	Φ25.7~Φ4	
	Work.distance(mm)	96			
1.5 X	Optical magnification	17.8X~114.3X	Visual magnification	10.5X~67X	
	Field of video (mm)	Φ11.4~Φ1.8	Visual magnification	Φ17.1~Φ2.7	
	Working distance(mm)	63			
2X	Optical magnification	23.7X~152.4X	Visual magnification	14X~90X	
	Field of video (mm)	Φ8.6~Φ1.3	Visual magnification	Φ12.9~Φ2	
	Working distance(mm)	46			
Magnification rang of zoom body 0.7x~4.5x					

Note: Data of optical magnification and field of video is on the basis of 1/3"CCD camera and 8" LCD.

Installation:

caution for unpicking!



1.Connect with B3 base part

Take B3 base and pillar out, connect with them by spanner



2.Connect with holder part

Take the holder out, install it in the pillar,than lock the screw



3.Connect with the main body

Take microscope main body out, put it in the holder, lock screw, adjust untill on the corresponding working distance, lock screw again. (corresponding working distance refers to optical technical data)



4.Connect with LCD part

Take the LCD panel out, put it in B3 base pillar, lack screw



Power supply for lcd
OUTPUT: 12V-1200mA

power supply for LCD
12V-1200mA



Pawer supply mouth for camera
signal wire facamera



Adaptor for camera
OUTPUT: 9V-300mA

Adaptor for camera
OUTPUT: 9V-300mA



LCD patch panel

5. Connect camera with LCD panel

Connect the LCD panel power supply with the “power” mouth in the LCD panel, than link the camera to the camera power supply, finally, connect the camera signal wire to the “AV” mouth in the LCE panel .

LED ring
lamp



6. Connect with the LED ring lamp

Install the LED ring lamp in the microscope main body, then link the LED ring lamp to the lamp power supply.



7. Take off the dust cap in the binocular head. Install the eyepiece.

- ▲ make sure there is no left accessory in the packing carton, than put away the carton .
- ▲ we suggest that keep some standby packing carton .
- ▲ to protect enviroment, Do not brush off the packaging waste

Using the microscope:

Make sure that the supply voltage is in the rang required. Otherwise, it will might damage the microscope.

1. Power supply

The illumination LED lamp with shift position, “o”marks switch, “I”marks regulator;, “II”marks static stall

2. Adjust the interpupillary distance and diopter (pic2-1)

2.1. Adjust the interpupillary distance

Adjust the prism housing along the direction of arrowhead until the observation is comfortable.



2.2 Adjust the diopter

Before observing and adjusting focus.

- (1) Turn the zoom control knob to the maximum magnification.
- (2) turn the diopter adjusting rings to the zero.
- (3) observe the specimen through the right eyepiece and make the image clear by turning the focusing knob.
- (4) Rotate the zoom control knob to the minimum magnification.
- (5) Observe the specimen through the right eyepiece and make the image clear turning the right diopter ring.
- (6) re-do the step (1),(3),(4),(5) till the right adjusting ring is more precise.
- (7) Do the step and make the image clear which is observed through the left eyepiece by turning the left diopter adjusting ring.

3. Adjust the focus (pic3-1)

Make focus in any magnification, in the initial observation, Make the magnification in the 4.5x, then adjust the zoom control knob till the image is clear, total magnification is focusing.



Maintenance

1. Never attempt to disassembly

The microscope is a precision instrument. It is adjusted before selling. disassembling might cause electric shock matter or damage the microscope. Never disassemble other parts except the necessary steps.

If any problem about the microscope, pls. get in touch with manufacture or distributor.

2. Pay attention to the power

This model microscope is available domestic power . If any other power exceed the range, it will damage the microscope.

3. Carrying and using

Cut-off the power before carrying, , unplug the battery socket, put away the power wire, take care when putting away, in case of hurting fingers.

Microscope is a precision instrument, handle with care, use caution .mishandle or impose unnecessary force on the microscope.

Usually, following environment is required:

Indoor temperature: 0°C-40°C Max. relative humidity: 85%