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**ISM-TV200
TV DIGITAL MICROSCOPE
OPERATION MANUAL**



Attention

- ◆ Place the microscope in a cool, dry place where is free from dust, acid, alkali, steam etc.
- ◆ Do not disassemble lens by userself as they all have been preadjusted and tested. Should filth is found on the lens, it would be cleaned gently with absorbent cotton with xylene. If alcohol is used, be careful not to let it soak into lens, or lens will come unglued. Dust on the lens can be blown with a blower or cleaned gently with a clean writing brush, lens-cleaning paper etc. Be more careful not to touch optical elements when clean the mechanical part and smear corrosiveness lubrication/lubricant oil. You should touch it, clean it at once to avoid mould.
- ◆ Do switch off power after using of instrument, pull out the plug when the instrument is not in use for a long time.
- ◆ Handle the instrument carefully and gently during transport. It is strictly forbidden to put upside down.

Introduction

ISM-TV200 is a wireless TV digital microscope, can magnify a tiny object to an erecting stereo image. They have the character of comparatively long working distance, wide field, high image quality and a stepless zoom ranging. Especially suitable for using in teaching, observing study and scientific research etc. It can be used for observing study, biological anatomy in medical and hygienic work, cultural education and scientific research, agricultural and forestry, geology, pearls and jewels, public security act units. Also, it can be used for testing, installing and repairing tiny precise spare parts in electronics industry, instrument and meter trade etc.

Structure:



Operation Instructions

- 1 Installation:
Take the unit and other accessories from the package, connect the power cable and TV cable to the unit. Then connect the other side of TV cable to TV.
- 2 Connect the power:
Plug the power cable into the back of microscope and connect the power.
- 3 Illumination adjustment:
Select the right illumination according to adjust the illumination button.
- 4 Magnification adjustment:
According to the observed requirement, adjust to suitable magnification to observe clearly on TV.
- 5 Focus ring using:
Select the suitable focus ring according to the observed requirement, and adjust the unit to the same magnification so as to observe clearly on TV.
- 6 Stand using:
Can select microscope stand for observation, it can take the microscope move up and down, front or back, left or right, any direction adjustment.

STAND(code: ISM-WSTD)



Technical Parameters

Code	ISM-TV200
Type	With wire
Magnification	10X~200X (on 17" TV)
Pixel	0.35M
Illumination	adjustable brightness LED
Focus	Supplied with focus ring, stand (ISM-WSTD) is optional
Powersupply	DC

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD

ISM-TV200		
Magnification	Focus distance	View field
50X	21mm	8.1x6.4mm
100X	13mm	3.9x3.1mm
150X	16mm	2.6x2.1mm
200X	19mm	1.8x1.5mm

Standard Delivery

Main unit	1pc
80X&150X focus ring	2pcs
DC	1pc
Power cable	1pc
TV cable	1pc

Optional Accessory

Stand	ISM-WSTD
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