

XZB-5D



XZB-5D比较显微镜 Comparison Microscope XZB-5D



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About Comparison Microscope

By optical zoom, comparison microscope is used for macro of micro comparison of two or more objects in cutting or overlapping view field through one group of eyepieces observing left and right objective view fields. As clear imaging, high resolution, so you can identify the small differences

Brief Introduction of Comparison Microscope XZB-5D

1. Advantages:

Comparison microscope XZB-5D successfully solved the technical problems of comparing ridge width and consistency adjustable (this technology is included in the national technology security projects), XZB-5D is an upgraded product improved on XZB-5C model, which not only retains excellent technical performances of XZB-5C, but also increases its image quality and magnification, increases illumination ways and a variety of accessories, shape, structure more beautiful, reasonable, reliable, and makes the instrument fully plays its functions of comparison and identification.

2. Applications:

This product is an ideal instrument for public security, inspection, court on document retrieval, marks checking and school teaching (used for bullets, tool marks, fingerprints, seals, texts, coins comparison and identification), but also for industries and sectors such as banks, archaeology, electronics, biology, agriculture which need to identify on objects to use.

3. Illuminations:

3-1: Selecting and adjusting of magnification

3-2: Photographing and video recording

3-3: Polarized light – traces, scratch marks comparison

3-4: Coaxial light – deep hole, smooth surface illumination

3-5: Transmission light illumination – photographic film, transparent or translucent objects comparison

4. Accessories

transmission illuminator
rotary, tilting working stages
polarization optical devices
0.3X large objective lens
coaxial light
CCD connection tube
block filter
power line
binocular head
LED light source
10X eyepieces
20X eyepieces
camera connection tube
optic fiber cold light source
magnification corrector
red, green color filter
bullet holder
low magnification objective lens
screw driver
lens cleaning paper
driers

5. Technical Parameters :

optic magnification range: 2.5X~120X
eyepieces: WF10×/Φ22mm , WF20×/Φ14mm
objectives: 0.6X, 1.2X, 2X, 3.5X, 5X (0.3X, 2.0X for optional)
objective view field diameter: Ø2.5mm ~ Ø90mm
embedded digital color video recording system: 3 mega pixels, resolution 1024×768, supports for USB digital or VGA/AV/DAI output, configures digital camera interface
working distance: 100mm
objective stage size: 100mm; moving range: X/50mm Y/50mm Z/50mm
objective stage horizontal linkage range: 50mm
coarse lifting range: 50mm
new semiconductor light source lighting (brightness adjustable)
illumination 300W independent external cold light source, with optic fiber with condenser adjustable
power supply: 220V AC input, 24V DC stable output, accords with international safety standard

Spec	XZB-5B	XZB-5C	XZB-5D
Optic magnification range	7.68X-120X		
Eyepiece	10X	WF10X、WF20X	CWF10X、CWF20X
Objective	0.64X, 1X, 1.6X, 2.5X, 4X (additional objectives 0.4X, 2X is optional)		
Bridge body magnification	1.2X		

Photographing magnification	interface magnifies 3X (Optional)		
Video magnification	interface magnifies 1X		Build in 3.0 Mega CCD
Working Distance	100mm		
Stage	70mm*70mm	90mm*90mm	90mm*90mm
Move Range	horizontal 51mm, longitude 51mm, vertical 54mm		
Horizontal moving range	45mm		
Coarse elevating range	49mm		
Illuminatin	12V/50W air-blast light source		5W LED Source
Cold light source	12V/50W	150W adjustable cold light source	150W adjustable cold light source
Power Source	220V AC Input, 12V DC output		