

# XZB-5C



## Comparison Microscope XZB-5C

### About Comparison Microscope

By optical zoom, comparison microscope is used for macro or 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-5C

#### 1. Advantages:

Comparison microscope XZB-5C successfully solved the technical problems of comparing ridge width and consistency adjustable (this technology is included in the national technology security projects), XZB-5C is an upgraded product improved on XZB-5B model, which not only retains excellent technical performances of XZB-5B, 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 play 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

reticle magnification

tilt table  
 polarization optical devices  
 0.3X large objective lens  
 bullet holder  
 transmission illuminator  
 coaxial light  
 CCD connection tube  
 camera connection tube  
 block filter  
 magnification corrector

5. Technical parameters:

optic magnification range: 3.1X-120X  
 eyepieces: 10X, 16X, 25X  
 objectives: 0.64X, 1X, 1.6X, 2.5X, 4X , 0.3X (additional objectives for optional)  
 bridge body magnification: 1.2X  
 photographing magnification: interface magnifies 3X  
 video magnification: interface magnifies 0.44X  
 working distance: 100mm  
 objective stage size: 70mm\*70mm  
 moving range: horizontal 51mm, longitude 51mm, vertical 54mm  
 horizontal moving range: 45mm  
 coarse elevating range: 49mm  
 illuminating: 12V50w halogen, adjustable, air-blast light source  
 cold light source: 12V50W adjustable, Φ10mm  
 power source: 220V AC input, 12V DC stable voltage output, is fit for the 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		