

Banbros

Believes in Quality

STEREO MICROSCOPE



- Value
- Versatility
- Performance



THE PRECISION MEASUREMENT PEOPLE


BSZ-800LCD

New generation microscope with micro computer which drives the operation system WinCE5.0 and display system. "It supports 100M Ethernet network and WI-FI wireless net and can communicate with PC. 8.4 Inch TFT touching screen, friendly man-machine interface, multiple peripheral interfaces and powerful processing function, make it very easy to operate. " It can be widely used in various optical micro fields, such as teaching, researching, electronic checking, etc.

SPECIFICATIONS:

MODEL	BSZ-806LCD	BSZ-808LCD	BSZ-810LCD
Viewing Head	Binocular head, 20° inclined, interpupillary 55-75mm		
Eyepiece	EW10×Ø22		
Zoom Objective	0.8X to 5X	0.8X to 6.4X	0.8X to 8X
Objective	Plan Achromatic objective 1X		
Zoom Ratio	1: 6	1: 8	1: 10
Working Distance	78mm		
Focusing Range	105mm		
Illumination	Transmission or reflection LED illumination, brightness adjustable		
Digital Part	2.0 Mega pixels CMOS chip, range of viewing field 80%		
	W-LAN and LAN function		
Output	USB2.0, AV and VGA output, 100M ethernet interface		
Operating System	Windows CE 5.0		
Software	For Microscope & PC (Windows98, XP & 2007)		


LCD-550
FEATURES:

The Image can be easily viewed by many people on LCD monitor at the same time.

Improve the working condition also can soften the tiredness caused by a long time observation.

Integrated structure, easily operation, Small size and can save space.

The Magnification can be zoomed by non-step.

There is "+" for purpose of positioning and measurement.

Easily equipment, it can work properly by keeping it on stable place.

SPECIFICATIONS:

MODEL	BSZ-550LCD
LCD Screen	8 inch
Zoom Objective	0.65X to 5.5X
Total Magnification	10X to 75X
CCD Resolution	1/3, 580 line
Incident Light	12V, 10W Halogen Lamp
Transmitted Light	12V, 10W halogen Lamp


BTX-100
SINGLE TUBE ZOOM MICROSCOPE
FEATURES:

Infinite and high quality zoom optical system 1:6.5

Integration structure design makes it less working Space Occupation

High-resolution camera, USB2.0 or IEEE1394 output

Digital camera connected to computer to achieve analysis function

Wider viewing field (eye survey up to 85mm)

Higher magnification (up to 400X with 15" monitor)

Widely used in educational demonstration, agriculture research, semi-conductor and integrated circuit inspection, etc.

SPECIFICATIONS:

Description		BTX-100	BTX-101
Body	Eyepiece	WF10X	
	Zoom Ratio	1:6.5 (0.7X-4.5X)	
	Total Magnification	7X-45X	
	Working Distance	90mm	
Stand	Focusing Range	55mm	
		Ø90mm Frosted Glass or Black/ White Plate & Clips	Stage 220×283mm
Episcopic Illumination		6V/15W Halogen Lamp with Reflector	Circular Fluorescent Illuminator
Diascopic Illumination		6V/20W Halogen Lamp	
Video System		C Mount	
VCE-1 Video Camera Eyepiece		Optional	


BSZ- 41T

BSZ SERIES is a kind of binocular or trinocular Stereo Zoom Microscope which can zoom magnify the micro-object and get an erect image. Suitable for Educational experiment, Medical research, Agriculture observation, Public Security & Scientific Research and also widely used for assembling and repairing in electronic industry and other related field.


BSZ-45 T

This is a kind of Stereo Zoom Trinocular Microscope, which can magnify micro objects continually and show stereo up-right images. It provides clear high-contrast image, wide field and long working distance. It can be used for observation studies in medical and health, farming and forestry, as well as public security departments, schools and scientific research institutes, and is also used for inspection, assembling and repair of tiny spare parts in electronics and precision machine industries.

SPECIFICATIONS:

Model	BSZ-41	BSZ-41T	BSZ-45T
Viewing Head	Binocular	Trinocular	Trinocular
Eyepieces	WF 10x (20mm)		SWF 10X (22mm)
Eyepiece tubes	45° and rotated 360°		45° and rotated 360°
Objectives	1x to 4x		0.7 to 4.5x
Zoom Ratio	1:4		1:6.5
Total Magnification	10x to 40x (Zoom)		7x to 45x (Zoom)
Field of View (mm)	23 to 5.5		30 to 5
Working Distance (mm)	91		110
Working Stage	Ø 95mm Frosted Glass		Ø 80mm
Illumination	Incident: 12V, 10W		
	Transmitted : 12V, 10W		



BSM-12 / 13 / 24



BSM-12A / 13A / 24A

FEATURES

- Sharp stereo erect image over a wide field view. "45° inclined and 360° rotatable binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment +5dp. The interpupillary distance is between 55-75mm.
- 180° rotational objective.
- Product has CE approval
- Power supply: 220V/50Hz
- Illuminator: Upper reflected halogen light 12V10W; Down halogen light 12V10W

SPECIFICATIONS:

Model	BSM-12	BSM-13	BSM-24	BSM-12A	BSM-13A	BSM-24A
Magnification	10x / 20x	10x / 30x	20x / 40x	10x / 20x	10x / 30x	20x / 40x
Objective	1x / 2x	1x / 3x	2x / 4x	1x / 2x	1x / 3x	2x / 4x
Field of View (mm)	20.0 / 10.0	20.0 / 7.0	10.0 / 5.0	20.0 / 10.0	20.0 / 7.0	10.0 / 5.0
Working Distance (mm)	109 / 99	109 / 84	99 / 81	109 / 99	109 / 84	99 / 81
Eyepieces	WF 10x					
Plate	Frosted Glass					
Illuminator	Incident & transmitted illumination			Natural illumination		



CTM-150



TTM-150



CTM-200

This is specially designed for and inspection in industrial purpose. It has maximum possible power for a lens of its size consistent with virtually no distortion & free from any chromatic or spherical aberration. It gives fatigue-free stereo view equipped with round fluorescence Tube of 22 watt which has a shadow less, glare free, cool illumination, works on 230V, 50 Hz AC mains.

TABLE TOP MAGNIFIER (MODEL NO.: TTM-150)

The magnifier is fitted with a Dia. 145mm optical glass lens of 5x.

CLAMP TYPE MAGNIFIER (MODEL NO.: CTM-150 and CTM 200)

The magnifier is fitted with a Dia. 145mm optical glass lens of 5x on flexible arm and adjustable neck for easy positioning having the facility to clamp it on table.



BGM-6T



BGM-6

Jewellery Microscope, BGM is professional instrument, which is suitable for jewellery shop, jewelry processing center, jewelry and jade inspection center, Gem & Diamond Testing Labs to observe and appraise of jewelry, emerald & jade. The excellent optical system and various illumination system to ensure better viewing effect. The reasonable operation structure can lighten operator's tiredness but improve the working efficiency. The multi-functional accessory can meet with various requirements.

FEATURES:

Offering crisp sharp and high resolution image with bright / dark ground illumination, it is a professional gemological stereo zoom microscope.

SPECIFICATIONS:

MODEL		BGM-6	BGM-6T	BGM-8	BGM-8T
Viewing Head		Binocular	Trinocular	Binocular	Trinocular
Stereo Zoom Body	Zoom ratio	0.7×-4.5×		0.8×-6.4×	
	Working distance	115mm		78mm	
Eyepiece		Extra wide field eyepiece EW10×/ 22 with diopter adjustment			
Bright & Dark Illumination		Iris diaphragm 2mm-41mm, Bright and dark viewing field illumination are available			
Illumination		8W Fluorescent lamp			
		Fiber lighting			
		6V/ 20W Halogen illumination			
Focusing range		125mm, It is suitable for observing different size gem and sample			
Gem Clamp		Quality steel clamp is perfect to hold the gem			
Stage		At both side, there are two gem clamp fixing holds for you to choose			
Stand		0-38° tilted, 0-360° rotatable, so the eye point height and angle is adjustable			



FM 50 / 100

SPECIFICATIONS:

Models	FM-100	FM-50
Total Magnification	100×	50×
Mechanical Tube Length	160mm	
Eyepiece	10×	
Objective	10×	5×
Numerical Aperture	0.25	0.12
Field of View	Ø5mm	Ø10mm
Eyepiece Reticle	0.1mm	
Fine Division	0.01mm	0.02mm
Working Distance	6.93mm	17.6mm
Height of Microscope	210mm	
Mass of Microscope	650g	
Illumination	Pen light (optional)	



TC 10

Torch Comparator

Torch Comparator is provided with two element aberration free Magnifier for convenience of Observation and can be focused by Spiral movement of eyepiece. Light source consists of two 1.5Volt Dry Cell. A choice of 8 glass Reticles of 48 mm dia are available to suit various requirements.

Magnification: 10x



PC -10

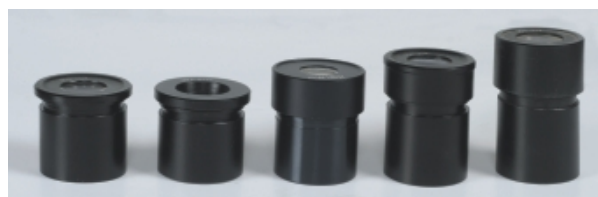
Pocket Comparator

Pocket comparator is made from clear acrylic sheet, which allows outside light, illuminates the object. It accepts different glass reticles of 27mm diameter. Supplied with standard linear scale reticle in lather carrying case. Other reticles are optional.

GRATICULS

- 1. LINEAR SCALE**
 Total length 20mm in 200 divisions.
 least count 0.1mm
- 2. THREAD SIZE (MM)**
 9 Metric Screw Threads per mm-
 -0.25, 0.3, 0.35, 0.4, 0.45, 0.6, 0.75, 0.9 & 1mm
- 3. THREAD SIZE (INCHES)**
 9 Screw Threads shown in inches TPI-
 -8, 14, 16, 18, 20, 24, 28 & 32 and 50.
- 4. COUNTING GRID- 10mm square divided into 0.5mm square**
 10 mm scale in 100 parts.
 13 circles 0.1mm to 2.5mm
- 5. RADIUS SCALE**
 10mm Radius Scale numbered every mm, graduated each 0.5mm-180° protector numbered every 10° each division.
- 6. MULTI GAUGE**
 0.3" X 0.4" grid in 0.025" squares/ Two horizontal scales 0.4" with 0.005" divisions, 20mm with 1/1 mm divisions. Angle scale 0° to 90° in 1° divisions. Radius Scale 1 to 10mm Nine circles 1/1mm to 3mm dia.
- 7. MULTI SCALE**
 3 Horizontal scales : 20mm 1st scale 10-0-10 in 0.1mm div. and 0-1 in 0.05mm, 2nd Scale is 0-1/8" in 1/64". 90° angle scale in 5° divisions, 80 to 90° in 0.1°. arcs 0-10 in 0.5mm, 0-1 in 0.1 mm div. Angle scale 29°, 55°, 60°, 118°. Left ten circles 0.1 to 0.1mm div, right ten circles from 0.005 to 1/64" dia.
- 8. COUNTING GRID**
 43MM DIA- Angle scale reads 0° to 90°, graduated every degree, numbered every 5°. Radius scale reads 1/16" to 3/32" numbered 1/32" millimeter scale 10mm, graduated every 1/10, numbered every mm inch scale 1/2" long, graduated every 0.005", numbered every 0.0100". Circle scales- four scales 1/64", 1/32", 3/64", 1/16" five circles 0.01" to 0.05". Width scales-seven sizes 1/64" to 1/14".

- Auxillary Lens Objective 0.5 x, 0.75x, 1.5x, 2x
- Spare Eyepieces SW 5x, SW 15x , SW 20x
- Graticule : 10mm divided into 100 parts
- Fluorescent Ring Illuminator



LED Illuminator

Features: Annular fluorescent lamp supplies high brightness and even illumination. It is concise and easily to be used as an incident illumination in stereo microscope.

Fluorescent Lamp: 8W or 10W, 220V, Adapter $\Phi 30$ - $\Phi 60$ mm.

LED: 54 or 58 Grains LED, $\Phi 30$ - $\Phi 60$ mm



Fiber Optic Illuminator

Description:

More stable power supply with CE standard electrical equipment and PC control circuit.

With delay startup design to protect eyes and electrical equipment caused by sudden brightness.

Enhancing the security with skillful power off device.

Cooling the illumination better with advanced wind loop design.

Stable structure with heavy deadweight of illuminator.

Longer working life and lower noisy.



Model	Dual	Single	Ring
Power Supplier	Switch Power 220V		
	Halogen Lamp with Reflector 20V/ 150W		
	Brightness Adjustable		
	Multi-coated IR Cutoff Filter for Heat Insulation		
	Fan Cooling		
	Size 260×120×150mm		
	Weight 3.3 Kg		
Light Guide	Flexible Fiber Light Guide, Length 500mm		Flexible Tube, Length1000mm, Adapter Ring Size $\Phi 50$ mm/ $\Phi 60$ mm