



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

INDUSTRIAL CHECKING & MEASURING MICROSCOPE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BICM-100/100BD



BICM-100/100BD Industrial inspection microscopes are suitable to observe surfaces structure and geometry of work piece. It is equipped excellent UIS optical system and modularization function design so that update system expediently and achieved polarization, dark field observation. Lift or down the optical and illumination unit along the leader to adjust the distance from stage to objective, so that enable using for different thickness work piece. Quickly and effectively locate the observation part of work piece by moving the mechanical stage. The motion of the focusing is roll that the roller bearing moved guiding the trigon slide way, so that the moving process is smooth. This is ideal optical instrument for checking and measure in the field of precision part, integrated circuit, packing material etc.

TECHNICAL SPECIFICATION: -

Specification List			
Eyepiece	Wide field WF10X(field number:Φ22mm)		
Infinity Plan Achromatic Objective	BICM-100 (Equipped with bright field Objectives)	PL L5X/0.12, Working Distance: 26.1mm	
		PL L10X/0.25, Working Distance: 20.2mm	
		PL L20X/0.40, Working Distance: 8.80mm	
		PL L50X/0.70, Working Distance: 3.68mm	
	BICM-100BD (Equipped with bright & dark field Objectives)	PL L5X/0.12BD, Working Distance: 9.70mm	
		PL L10X/0.25BD, Working Distance: 9.30mm	
		PL L20X/0.40BD, Working Distance: 7.23mm	
		PL L50X/0.70BD, Working Distance: 2.50mm	
Eyepiece Tube	Trinocular inclined 30°, can be shot in 100% light flux.		
Epi- illumination system	BICM-100	6V30W halogen, Integrated field diaphragm, aperture diaphragm and (Y,B,G, ground glass) switching device.	
	BICM-100BD	12V50W halogen, Integrated field diaphragm, aperture diaphragm and (Y,B,G, ground glass) switching device.	
Focus system	Coaxial coarse/fine focus system, with coarse focus knob tension adjustable device, minimum division of fine focusing: 1μm.		
Nosepiece	Quintuple (Backward ball bearing inner locating)		
Working stage	Base size : 300mmX250mm, Mechanical stage size : 160mmX140mm, Moving range : Transversal :35mmx30mm		
Optional Accessory	Eyepiece	10X(φ22mm) Dividing Eyepiece (Field number φ22mm)	
	Objective	BICM-100	Bright Field Objective: 40X, 60X, 80X, 100X (Dry)
		BICM-100BD	Bright & dark Field Objective: 40X, 60X, 80X, 100X
	CCD Adapter	0.4X, 0.5X, 1X, 0.5X (With Dividing)	
	Camera	USB: 130/300/500/900 USB Output: 1.3M/3.M/5.0M/9.0MP Video: 380/520 Video Output: 380/520 TV Line	
Digital Camera Adapter	CANON (EF), NOKIN (F)		