



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

TOOL MAKER MICROSCOPE WITH DRO



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

BTM-50AZ

**DESCRIPTION:**

The Industrial Measuring Microscope supports a wide range of application from industrial of optics, machines, electronics, precision measurement of geometric dimension, specially measuring from in machinecutter family program.

APPLICATION:

It is widely used in mechanical, meter, electronic and light industry; university, Institute and metrology department. The measuring profile projector can detect the contour dimension and surface shape of variety complex workpiece, such as templates, punching pieces, cams, threads, gears, molding milling cutters.

FEATURES:

- Precision working stage travel: 50x50mm.
- High precision linear scale: 0.1um.
- Colour screen multifunctional digital readout.
- Optical objective with adjustable LED ring reflector illumination.
- With high accuracy and high stability.

TECHNICAL SPECIFICATIONS:

Model No.		BTM-50AZ
Main Unit	Stage Working Travel	50×50mm
	X, Y Scale	Sealed GlassScale
	Scale Resolution	0.1um
	Light Source	LED
	Stage Material	Aviation aluminum
Magnification	Max. 150× (Φ0.13mm) Optional: 15×Eyepiece+10×Objective	150x
	Min. 20× (Φ6.5mm) Optional: 10×Eyepiece+2×Objective	20x
	Standard 30× (Φ6.5mm) 15×Eyepiece+2×Objective	30x
Display	Data Process	
Accuracy	X, Y (um)	2.5+L/200
Power Supply	220V/50HZ	

* Due to continuous product development, Image & specification can be upgrade.