



BANBROS ENGINEERING PVT. LTD.
The Precision Measurement People

DIGITAL TRAVELLING MICROSCOPE

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



*Image can be differ due to regular product & technology update

BDTM-200

**DESCRIPTION:**

Our Digital Travelling Microscope is ideal for anyone with impaired vision wishing to perform tasks at a greater distance than spectacles or hand magnifiers with the same power.

TECHNICAL SPECIFICATION:

Model No.	BDTM-200
Working Distance Range	200-2000 mm
FOV	Min. 1000 μ for 1/4" CCD @ 200 mm working distance
Magnification	>/- Variable with 5X as standard
Resolution	1 micron
Illumination Options	Co-axial with the viewing tube
Illumination Type	White 3 W LED lighting
Travel	<u>Vertical Travel</u> Max. 1100 mm or more; 500 mm using rack and pinion and 600 mm slide movement. <u>X – Y movement</u> 25 mm with 10 μ resolution
Rotation (Roll)	45 Deg.
Rotation (Yaw)	360 Deg.
Camera Type	1/2.5" CMOS
Data Acquisition	Yes
Active Imager Size	5.70mm x 4.28mm, 7.13mm diagonal
Active Pixels	2592 x 1944 (5Mp)
Pixel Size	2.2 x 2.2 μ m
Shutter Type	Global reset release (GRR), Snapshot only, Electronic rolling shutter (ERS)
Power Consumption	381mW at 15 fps full resolution

STANDARD ACCESSORIES:

Item Name	
Tripod Stand with adjustable legs	Yes
Rack and Pinion	Yes